



**WiMAX Forum Evaluation Group
(WFEG) for IMT-Advanced
Status Update**

I-Kang Fu

IK.Fu@mediatek.com

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Outline

- WFEG Introduction
- WFEG Working Model
- WFEG Status Update

WFEG Introduction

- WFEG
 - WiMAX Forum Evaluation Group (WFEG) for IMT-Advanced
 - Independent evaluation group formed by WiMAX Forum members
 - 62 individual members from 25 member companies
 - Initially consider all submitted proposals
- WiMAX Forum
 - Industry-led, not-for-profit organization.
 - Works closely with service providers and regulators to ensure that WiMAX Forum Certified systems meet customer and government requirements.
 - Has more than 400 members, comprising the majority of operators, component vendors, and equipment vendors in the communications ecosystem.

WFEG Working Model

- Evaluation based on contribution input from WFEG members
 - Official website for document collection and sharing
 - Email reflector for official announcement and technical discussion
 - Conference call and F2F meeting for contribution review and consensus building
- WFEG officer and technical representatives
 - Chair: I-Kang Fu (MediaTek)
 - Representatives to ITU-R SG5 Correspondent Group Forum
 - Sassan Ahmadi (Intel)
 - Apostolos Papathanassiou (Intel)
 - Pang-An Ting (ITRI)
 - Wookbong Lee (LGE)
 - Jeongho Park (Samsung)

WFEG Status Update

- Progress achieved until 2010/1/13
 - **2009/10/30** WFEG Presentation to TSC during Taipei Member Conference
 - **2009/11/11** Issue Call for Questions on Simulation Assumption
 - **2009/11/23** Question Submission Deadline
 - No question received
 - **2009/11/24** Issue Call for Calibration Results and Preliminary Simulation Results
 - **2009/12/9** F2F Meeting Discussion on Calibration and Preliminary Simulation Results
 - Calibration achieved among six companies
 - Intel, Samsung, LGE, MediaTek, ITRI and ETRI
 - Issue call for comments on IEEE's RIT proposal and simulation results
 - **2010/1/12** F2F Meeting Discussion on Comments and Updated Simulation Results

WFEG Status Update

- WFEG's conclusion following inspection of IEEE's RIT proposal
 - No inconsistency, ambiguity or inaccuracy were found in IEEE's RIT proposal
 - The conclusion covers the analytical results of IEEE's RIT proposal
 - WFEG found IEEE's description of the technology to be adequate
- WFEG's evaluation progress on IEEE's self-evaluation result
 - Base on the received independent simulation results from WFEG members
 - All the results show that IEEE's RIT proposal can exceed IMT-Advanced requirements
 - More simulation results is expected before the end of January 2010

WFEG Status Update

- Work plan from Oct. 2009 toward Feb. 2010
 - Evaluation on IEEE's RIT proposal
 - Email discussion on simulation assumptions (done)
 - F2F discussion on calibration results (done)
 - F2F and conference call discussion on simulation results (done)
 - Review and check IEEE's RIT proposal content (done)
 - Develop the report on preliminary evaluation results (2010.1~2010.2)
- Work plan from Feb. 2010 toward Jun. 2010
 - Plans to evaluate on 3GPP's RIT proposal pending available time and resources
 - Depends on the ongoing evaluation progress achieved until Feb. 2010