

IEEE 802.16 Working Group on Broadband Wireless Access<http://WirelessMAN.org>

Roger B. Marks
Chair, IEEE 802.16 Working Group
r.b.marks@ieee.org
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To: Walter Johnston, Chief, Electromagnetic Compatibility Division, FCC
James Miller, Office of Engineering and Technology, FCC
Henning Schulzrinne, Chief Technologist, FCC
VIA ECFS

David Allan, Co-chair, Broadband Forum End to End Architecture Group
Christophe Alter, Broadband Forum Technical Committee Chair

cc: IETF LMAP mailing list
Paul Nikolich, Chair, IEEE 802 Executive Committee

Subj: Progress on IEEE Project P802.16.3 Architecture

The IEEE 802.16 Working Group (WG) on Broadband Wireless Access would like to update your groups with a status report, following the WG's Session #82 of 12-15 November, regarding Project P802.16.3 on *Mobile Broadband Network Performance Measurements*. As we have previously mentioned, the project was authorized by IEEE on 30 August 2012 and met once before, in September. Details of the project are available in the PAR and Five Criteria statement ([IEEE 802.16-12-0489](#)). In particular, the scope states that the standard will specify "procedures for characterizing the performance of deployed mobile broadband networks from a user perspective. It specifies metrics and test procedures as well as communication protocols and data formats allowing a network-based server to coordinate and manage test operation and data collection." Please note that the scope of the project addresses end-to-end measurements and is not limited to any particular air interface.

The main accomplishment of Session #82 is the completion of a new draft working document [IEEE 802.16-12-0682-00](#) on "IEEE 802.16.3 Architecture and Requirements for Mobile Broadband Network Performance Measurements." This Architecture and Requirements ("A&R") document incorporates and supersedes the prior "Applications and Requirements" draft, which we called to your attention previously and which was of more limited scope.

In considering some of the documentation we have seen circulated among the other standardization groups, we would like to call your attention to our view, per Figure 2 of the A&R, that the measurement architecture will allow the Measurement Client to communicate with two distinct forms of Measurement Server: Public and Private. Likewise, the Measurement Client is able to communicate with two distinct forms of Data Collector: Public and Private. The other sections of the A&R further clarify the intended functions of the public and private servers and data collectors. We believe that our focus on mobile devices distinctly motivates our views on these issues.

We also welcome your input and we encourage you to provide comments regarding our A&R draft. We draw your attention to the relevant Call for Contributions [IEEE 802.16-12-0681-01](#). Our next opportunity to respond to formal communication will occur at [IEEE 802.16 Session #83](#) (14-17 Jan 2013 in Vancouver, BC, Canada). For information on our future meetings schedules, see <http://ieee802.org/16/calendar.html>.

Sincerely,

Roger B. Marks
Chair, IEEE 802.16 Working Group on Broadband Wireless Access