**IEEE P802.15**

**Wireless Personal Area Networks**

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| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) |
| Title | **TG3d** ( |
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| Source | Thomas KürnerTechnische Universität Braunschweig Institut für NachrichtentechnikSchleinitzstr. 22D-38092 Braunschweig | Voice: +495313912416Fax: +495313915192E-mail: t.kuerner@tu-bs.de |
| Re: |  |
| Abstract | Meeting notes on the 802.15 TG3d 100G May 2014 Interim Meeting |
| Purpose | Meeting Minutes |
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**Minutes of the May 2014 TG3d 100G**

TheTG3d 100G meeting took place on 12-15 May 2014 in the time slots Monday AM2, Tuesday AM1+AM2, Wednesday AM1 and Thursday AM1.

Meeting was called to order at 10.30 am on 12 May 2014. The patents statement was mentioned and no patent contributions were discussed. The March 2014 meeting notes of the SG 100G were approved.

**Task Group Leadership:**

Bob Heile suggested to appoint Thomas Kürner as chair of TG3d. The committee had no objections. This appointment has been confirmed by WG15 during the mid-week plenary.

Thomas Kürner made a motion to elect Iwao Hosako (NICT) as a vice-chair. The motion was seconded by Norihiko Sekine (NICT). The motion carried by 6/0/0. The positions of the Secretary (responsible for maintaining the web page) and the Technical Editors will be discussed at the upcoming San Diego meeting.

**Call for contributions/Changes of the agenda or for any other business:** no discussions followed.

5 contributions were presented:

**Contribution #1 :** Ken Hiraga, NTT (Japan), “Real usage of the kiosk downloading”; (Document **15-14-0298-00-003d**)

This document describes one of the up-and-coming usages of the kiosk downloading.

**Contribution #2 :** Ken Hiraga, NTT (Japan), “Transmission performance of short-range MIMO in 60-GHz band”; (Document **15-14-0300-00-003d**)

This document describes the calculated transmission performance of short-range MIMO for the kiosk downloading. Influences on BER by displacement are shown.

**Contribution #3 :** Thomas Kürner, TU Braunschweig (Germany), “Time-Domain Propagation Investigations for Terahertz Intra-Device”; (Document **15-14-0281-00-003d**)

This contribution presents some results on the assessment of ray-racing applied to scenarios typical to intra-device communications. The analysis is based on Finite Difference Time Domain (FDTD) calculations and includes a comparison of the FDTD results with results achieved by ray tracing.

**Contribution #4 :** Akifumi Kasamatsu , NICT (Japan),“ RoF-Based Terahertz Fronthaul for Mobile/Wireless Access Systems”; (Document **15-14-0177-04-003d**)

The aim of this contribution is to provide configuration of Radio over Fiber (RoF) based terahertz fronthaul for mobile/wireless access systems. The presentation contains updates of the presentation from the March Plenary

 **Contribution #5 :** Ken Hiraga , NTT (Japan),“ Modification of time planning for the task group 3d”; (Document **15-14-0302-00-003d**)

This contribution provides an evaluation of the current time planning and a proposal of a realistic time planning for the task group 3d

**Tasks completed during the meeting:**

* Revision of the time and task planning of TG3d (Document **15-14-0155-04-003d**)
* Definition of structure of supporting documents:
* Applications Requirements Document (ARD) (Document **15-14-0304-00-003d**)
* Channel Modeling Document (CMD) (Document **15-14-0310-00-003d**)
* Technical Requirements Document (TRD) (Document **15-14-0309-00-003d**)
* John Notor volunteered as an editor of the CMD
* To get a picture on the regulatory issues, the participants from different parts of the world are requested to prepare contributions on the regulatory situation at frequency bands beyond 100GHz.

**Action for Items for the July Meeting:**

* **Editors of ARD, CMD and TRD:** to screen TED for potential input and prepare a revision of the supporting documents prior to the meeting.
* **All:** prepare input to ARD, CMD and TRD either as a dedicated power point contribution or as a word document with text that can be directly incorporated into the supporting documents.
* **All:** Prepare contributions on the regulatory situation beyond 60 GHz in your country/region.

The meeting was adjourned on 15 May 2014 at 8.22 am.