**IEEE P802.15**

**Wireless Personal Area Networks**

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| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) | |
| Title |  | |
| Date Submitted | 12 March 2015 | |
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| Re: |  | |
| Abstract | Meeting notes on the 802.15 TG3d March 2015 Plenary Meeting | |
| Purpose | Meeting Minutes | |
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**Minutes of the January 2015 TG3d**

The TG3d 100G meeting took place on March 9-12 2015 in the time slots Monday PM2, Tuesday AM2, PM1 and Thursday PM2.

**<<Session #1 Mon PM2>>**

- Meeting was called to order at 16:00 on March 9.

- The patents statement was mentioned and no patent contributions were discussed.

- Approval of the agenda and of meeting minutes

The meeting agenda (15-15-0141r02) was approved. The meeting minutes of January meeting (15-15-0060r00) and teleconferences minutes February 2015 (15-15-0125r01) were approved with no discussion.

- Listening Contributions

**Contribution #1:**

Iwao Hosako, “New element of section 6 in ARD” (15-15-0139r00)

Proposed updates in section 6 of ARD with regard to comments in past meetings and telecons. Added information about regulations above 200 GHz. This contribution is going to be included in the ARD.

**Contribution #2**

Thomas Kuerner, “Contribution to section 7 in ARD”(15-15-0160r00)

Updates in section 7 (backhauling) of ARD.

**Contribution #3**

Alexander Fricke, “Contribution to section 5 in ARD”(15-15-0161r00)

Updates in section 7 (backhauling) of ARD.

**Contribution #4:**

Alexander Fricke, " Measureing the Terahertz Intra-Device Propagation Channel“ (15-15-0166r00)

Measurement of THz intra-device propagation for future contribution for the CMD.

- Recess at 18:00.

**<<Session #2 Tue AM2, (Joint session with IG THz) >>**

- Meeting was called to order at 10:33 on March 10.

- Listening contributions

**Contribution #5:**

Sebastian Rey, “TERAPAN: Ultra-high Data Rate Transmission with steerable Antennas at 300 GHz,” (15-15-0167r01)

Introduced the project TERAPAN, the demonstration of data transmission using mechanical beam steering was shown.

**Contribution #6:**

Bile Peng, “Fast Beam Searching Concept for Indoor THz Communications,” (15-15-0205r00)

Presented the beam steering procedure using 2.4 GHz and terahertz band.

- Recess (TG3d) / adjourned (IG THz) at 11:17.

**<<Session #3 Tue PM1>>**

- Meeting was called to order at 13:30 on March 10.

- Listening a contribution

**Contribution #7:**

Bile Peng, “A Stochastic THz Channel Model in Wireless Data Centers,” (15-15-0207r00)

- Presented terahertz propagation model in data centers.

- Discussion on CMD (15-14-0310r04)

CMD structure change for inclusion of two presentations in this meeting was proposed by Alexander Fricke.

(15-15-0166r00 into section 5 intra-device, 15-15-0207r00 into section 7 data center) No objection followed.

- Review of TG3d Timetable (15-14-0155r05)

- CMD and ECD editors

TG Motion to assign as a CMD editor Alexander Fricke (TU-Braunschweig)

Moved by Thomas Kuerner, Seconded by Iwao Hosako

Result: Yes:11 No:0 Abstain:0

Motion carried.

TG Motion to assign as a ECD editor Sebastian Rey (TU-Braunschweig)

Moved by Thomas Kürner, Seconded by Ken Hiraga

Result: Yes:11 No:0 Abstain:0

Motion carried.

- Recess at 15:30.

**<<Session #4 Tue PM2, (Joint session with SG3e**) **>>**

*[Please see SG3e minutes, 15-15-0201.]*

**<<Session #5 Thu PM2>>**

- Meeting was called to order at 16:03 on March 12.

- Working on ARD and TRD

- Descriptions about close proximity is removed.

- Recess at 16:53.

**Tasks completed during the meeting:**

- The TG and IG THz had 7 contributions:

- on documentation procedure, on ARD, Channel Model and CMD, and terahertz technologies on antennas and propagation.

- ARD and TRD were updated and will uploaded for the review in the TG.