**IEEE P802.15**

**Wireless Personal Area Networks**

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| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) | |
| Title | IG THz July 2016 Meeting Minutes | |
| Date Submitted | 27 July 2016 | |
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| Re: |  | |
| Abstract | Meeting notes on the 802.15 IG THz July 2016 Meetings | |
| Purpose | Meeting Minutes | |
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**Minutes of the July 2016 IG THz Meeting**

The IGTHz meetings were held on 26 July 2016 at Manchester Grand Hyatt San Diego.

**<<Meeting #1 Tue PM1>> Joint session with TG 3d 100G**

* Meeting was called to order at 13:30.
* The patent policy was mentioned and no patent contributions were discussed.
* Approval of meeting minutes of the last meetings (15-16-0270r00).
  + Approved by unanimous consent.
* Approval of the agenda (15-16-0450r01)
  + Approved by unanimous consent.
* Listening contributions:
  + **Contribution #1:**
  + Sebastian Rey, “Simulation Results of a Phased Array at 300 GHz (15-16-0493r00)
  + Presented a concept of a phased array operating at 300 GHz with horn elements and some simulation results are presented.
  + Horn antenna array with four elements was simulated.
  + Fed with WR-3 waveguide flanges.
  + Radiation pattern variation within working frequency band would be small.
  + **Contribution #2:**
  + Sebastian Rey, “Progress in Regulation above 275 GHz (15-16-0492r00)
  + Presented In the last WRC a resolution was approved to have an Agenda Item 1.15 in the upcoming WRC 2019.
  + In these slides some information on the progress is presented
* Discussion on ITU-R liaison statements
  + Documents:
    - ITU-R WP5C Liaison Statement (15-16-0513r00)
      * WP 5C of ITU-R welcomes further input contributions from APT and IEEE; other external organizations are also encouraged to provide details of the fixed service applications and their characteristics, operating in the frequency range 275 450 GHz. WP 5C will consider these fixed service applications, so that the report could fully address the issues pertinent to technical and operational characteristics of systems associated with work on WRC-19 agenda item 1.15.
      * WP 5C will consider materials provided by the external organizations and take necessary action as appropriate, upon receipt of input contributions at its next meeting scheduled for 7-16 November 2016.
    - ITU-R-WP5C working document towards a preliminary draft (15-16-0514r00)
      * “Annex 3 to Working Party 5C Chairman's Report “,
    - ITU-R WP5A liaison statement (15-16-0507r00)
      * “ITU-R WP 5A Technical and operational characteristics of the Land Mobile Service (LMS) 275-450 GHz”
      * Liaison statement to external organizations
    - ITU-R WP5A working document towards a preliminary draft (15-16-0494r00)
      * “Annex 28 to Working Party 5A Chairman’s Report”
  + Deadline for the submission of contributions above is October 31, 2016
  + In September 802 TG3d meetings this draft should be approved by the WG and be submitted and be approved to 802.18 to be submitted to ITU-R before the deadline shown above.
* Adjourned at 14:55.

**List of Participants:**

* Thomas Kürner TU Braunschweig Germany
* Iwao Hoskao NICT Japan
* Andrew Estrada Sony Electronics USA
* Hiroyuki Matsumura Sony Corporation Japan
* Jun-Hyeong Kim ETRI Korea
* Keitarou Kondou Sony Corporation Japan
* Ko Togashi Toshiba Japan
* Weimin Xing ZTE China
* Takenori Sakamoto Panasonic Japan
* Keiji Akiyam Sony Corporation Japan
* Joe Polland Commscope USA
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* Fumihide Kojima NICT Japan
* Sebastian Rey TU-Braunschweig Germany
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