**IEEE 802.15**

**Wireless Specialty Networks (WSN)**

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| Project | IEEE P802.15 Working Group for Wireless Specialty Networks (WSN) | |
| Title | **802.15 TG4ad Minutes September 2024** | |
| Date Submitted | [10 November 2024] | |
| Source | [Phil Beecher]  [Wi-SUN Alliance] | email: [pbeecher@wi-sun.org] |
| Re: | [September 2024 802.15 Session] | |
| Abstract | [IEEE 802.15 TG4ad Minutes] | |
| Purpose | [IEEE 802.15 TG4ad Minutes] | |
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**Monday 9 September 2024, PM2**

4:02 pm Meeting called to order

Task Group Chair shows opening report: 15-24-0460-00-04ad-tg4ad-opening-and-closing-report-interim-september-2024

Chair shows P&P Slides in opening report

Chair calls for patents – none declared

Chair shows agenda – approved by unanimous consent.

July Session minutes approved by unanimous consent

Discussion on presentations

Thomas Almholt and Joerg Robert will present on Tuesday.

Hiroshi Harada will present Wednesday.

4:25 No other business for the day – meeting recessed.

**Tuesday 10 September 2024, PM1**

13:35 Meeting called to order.

Chair reminds group of P&P and patent policy.

Opportunity for patent declarations – no declarations made

Thomas Almholt presents [Range-test-OFDM-Long-Range-Sep-24](https://mentor.ieee.org/802.15/dcn/24/15-24-0487-00-04ad-range-test-ofdm-long-range-sep-24.pptx)

There were questions and discussion around the details of the implementation for the measurements.

Joerg Robert presents [Proposal of Layers for the Interference Model](https://mentor.ieee.org/802.15/dcn/24/15-24-0498-00-04ad-proposal-of-layers-for-the-interference-model.pptx)

There was discussion around interference model realization.

No further business for the day, meeting recessed.

**Wednesday 11 September 2024, PM2**

4:01pm Meeting called to order.

Chair reminds group of P&P and patent policy.

Opportunity for patent declarations – no declarations made

Hiroshi Harada presents [Outdoor Transmission Characteristics of IEEE 802.15.4 SUN FSK in the VHF Band](https://mentor.ieee.org/802.15/dcn/24/15-24-0520-00-04ad-outdoor-transmission-characteristics-of-ieee-802-15-4-sun-fsk-in-the-vhf-band.pdf)

There were questions and discussion about antenna and receiver characteristics.

Hiroshi Harada presents [Evaluation Methods for Transmission Characteristics of IEEE 802.15.4ad under Interference Noise](https://mentor.ieee.org/802.15/dcn/24/15-24-0512-01-04ad-evaluation-methods-for-transmission-characteristics-of-ieee-802-15-4ad-under-interference-noise.pptx)

Discussion about packet length for assessment. There was general agreement in the TG on methodology. Hiroshi Harada and Joerg Robert will work on interference model and channel model for inclusion in the technical guidance document.

Meeting recessed.

**Thursday 12 September 2024, PM1**

13::35 Meeting called to order.

Chair reminds group of P&P and patent policy.

Opportunity for patent declarations – no declarations made.

Discussion about scope of PAR, and if partial proposals will be accepted. Chair stated that the PAR defined the scope of the project, and that the task group would accept partial proposals.

Group reviewed technical guidance document. It was agreed that theTG cannot complete technical guidance document in remaining time in this meeting. Therefore TG will work on the technical guidance document in conference calls and finalize in November session.

Discussion about timeline. TG agreed that we’ll hear initial proposals in January 2025 and final proposals in March 2025

Conference call schedule decided - 26 September, 17 October - 6am PDT, 8am CDT, 2pm BST, 3pm CET,10pm JST (Other calls will be scheduled if necessary)

Tasks for calls:

1. Complete Technical Guidance Document
2. Finalize Call for Proposals

There was no further business

No objections to adjourning. Meeting adjourned.