**IEEE P802.15**

**Wireless Personal Area Networks**

|  |  |
| --- | --- |
| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) |
| Title | **Minutes of the SG Next Gen SUN Jan. 2024 Interim**  |
| Date Submitted | [11 March, 2024] |
| Source | [Joerg Robert][TU Ilmenau/Fraunhofer IIS][Helmholtzplatz 2, 98693 Ilmenau, Germany] | Voice: [ ]Fax: [ ]E-mail: [joerg.robert@tu-ilmenau.de ] |
| Re: |  |
| Abstract | [] |
| Purpose | [Information to WG] |
| Notice | This document has been prepared to assist the IEEE P802.15. It is offered as a basis for discussion and is not binding on the contributing individual(s) or organization(s). The material in this document is subject to change in form and content after further study. The contributor(s) reserve(s) the right to add, amend or withdraw material contained herein. |
| Release | The contributor acknowledges and accepts that this contribution becomes the property of IEEE and may be made publicly available by P802.15. |

# Minutes of the IEEE 802 SG Next Gen SUN Jan. 2024 Interim

Author: Joerg Robert

**Agenda (DCN 15-24-0007-4):**

Monday PM2:

1. Policies and guidelines
2. Approval of the agenda
3. Meeting Minutes
4. Use-cases and requirements
5. Recess

Tuesday AM1:

1. Use-cases and requirements
2. FCC Requirements
3. Channel Models
4. Recess

Tuesday PM1:

1. FCC Requirements
2. Channel Models
3. Timeline
4. Call for Contributions
5. Recess

Wednesday PM2:

1. Timeline
2. Call for Contributions
3. Next Steps
4. AoB
5. Adjourn

**Officers:**

* Chair and meeting minutes: Joerg Robert

**Monday PM1:**

**Start: Jan. 15, 2024**

The chair (Joerg Robert) calls the meeting to order at 4:05pm

1. **Policies and guidelines**
	1. The chair goes through the IEEE patent policy, copyright policy, and the participant behavior
	2. The chair asks for potentially essential patents. There is no response from the group.
2. **Agenda**
	1. The proposed agenda is approved by unanimous consent.
3. **Minutes**
	1. Meeting minutes in 15-23-631/r0
	2. The group approves the minutes by unanimous consent
4. **Discussion of use-cases and requirements**
	1. The group edits the Next Gen SUN Phy use-cases document (DCN 15-23-625/r2)
5. **The chair recesses the meeting**

**End: 5:25pm**

**Tuesday AM1:**

**Start: Jan. 16, 2024**

The chair (Joerg Robert) calls the meeting to order at 8:15am

1. **Use-cases and requirements**
	1. Presentation of document on additional use-cases (DCN 15-24-0056/r0)
	2. Group agrees to add additional use-cases to use-case list
2. **FCC Requirements**
	1. Presentation of document on FCC requirements (DCN 15-24-54/r0)
	2. Focus should be on 500kHz channels
	3. PSD limits only have to be met in data part, not in preamble
3. **The chair recesses the meeting**

**End: 5:25pm**

**Tuesday PM1:**

**Start: Jan. 16, 2024**

The chair (Joerg Robert) calls the meeting to order at 1:35pm

1. **Use-cases and requirements**
	1. Presentation on update of OFDM-LR modes proposal (DCN 15-24-54/r1)
	2. Discussion on potential synchronization problems of the narrow-band preamble
	3. Continued discussion on use-cases document
	4. Addition of antenna height
2. **Discussion on time-line**
	1. Chair will propose initial time-line for the group
	2. Further discussion on channel models in the next meetings
3. **The chair recesses the meeting**

**End: 3:15pm**

**Wednesday PM2:**

**Start: Jan. 17, 2024**

The chair (Joerg Robert) calls the meeting to order at 4:05pm

1. **Use-cases and requirements**
	1. Presentation on update of OFDM-LR modes proposal (DCN 15-24-54/r2)
	2. Discussion on proposed OFDM-LR preamble
	3. Measurement results are presented
	4. Discussion on detailed OFDM parameters for the LR mode
2. Chair reminds the group on the technical guidance document
3. Telephone conference schedule is discussed
	1. Telephone call on February 7th, 4pm CET
4. Plans for the Denver meeting is discussed
5. The chair adjourns the meeting

**End: 4:45pm**