**IEEE P802.15**

**Wireless Personal Area Networks**

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| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) | | |
| Title | **TG4q ULP September 2013 Meeting Minutes** | | |
| Date Submitted | 13 October 2013 | | |
| Source | [Jinesh Nair] [Samsung.] | E-mail:[jinesh.p@samsung.com] |
| Re: | Ultra Low Power amendment to IEEE 802.15.4 | | |
| Abstract | TG4q ULP Meeting minutes | | |
| Purpose | Meeting minutes | | |
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**Task Group ULP Meeting Tuesday, 17 September 2013**

**AM1 session:**

1. Chair (Shahriar Emami) called session to order at 08:10 am.

2. Opening report (DCN: 15-13-0544-00-004q) for ULP presented by Chair

3. July meeting minutes (DCN: 15-13-0500-00-004q) is approved

Motion to approve the meeting minutes passed anonymously

Moved by: Allan (Samsung)

Seconded by: Youngjin Liu (Huawei)

4. ULP Agenda (DCN: 15-13-0490-00-004q) presented by the Chair

**5. Activity, discussions and rework related to the TGD draft (DCN: 15-13-0341-02-004q) followed**

Technical parameters listed in the TGD draft were taken up for discussion.

Yin Zhang (IMEC) : Why the network topology is not included in the TGD. Is this not important ?

Henk (Silicon Labs): Yes, the network topology is of importance. Asymmetric topology is preferable for ULP Communication

Kiran: How does that influence the Physical layer amendment? This is not necessary to be included.

Jinesh: This can be explained while giving the proposal. There is no need to explicitly mention this or given as a constraint in the TGD.

Allan: The network topology is indeed relevant but not important.

Shariar: This is best left to the proposer.

Range:

Yin Zhang : Why the restriction of -5dBm? Typically it is around 0 dBm. Is this related with respect to the sensitivity ?

Shahriar: Group discussed this and the value was reached by consensus.

Kiran: This is just a guideline for the measurement and so that the results be compared on a similar platform.

Henk: It is better to change the wording to “demonstrated” from “measured”

PSD

Kiran: It is better to change the title to Interference Rejection Capabilities

Henk: Is the PSD not important now? It is not an item in the list?

Kiran: Yes a separate item for the PSD is good.

Jinesh: It is good to give the heading as Transmit PSD

Sensitivity:

Yin Zhang: Should the frequency offset be included ?

Shahriar: Ideal conditions should be assumed.

Yin Zhang: It may be good to explicitly state that. The definition of the sensitivity is clear in ZigBee but not very clear in Bluetooth.

Shahriar: It is better to reveal the sensitivity under ideal conditions for a fair comparison of proposals

Yin Zhang Imec: Ok. Like min-EbNo.

**6. Chair (Shahriar) issued a call for proposals**

Bob: made corrections/changes

Bob explained the standardization process

**Task Group ULP Meeting Thursday, 19 September 2013**

**AM2 session:**

1. Chair (Shahriar Emami) called session to order at 10:40 am.

**2. Technical Guidance Document (TGD) called for approval**

Moved by Henk(Silicon Labs)

Seconded by Kiran (Samsung).

Technical Guidance Document is approved

**3. Chair presented the Call for Proposals document**

Motion for approval for call for proposals

Henk moved the call for proposals

Seconded by Kiran

Call for proposals document is approved. The same is uploaded as DCN: 15-13-0573-00-004q

4. Meeting is adjourned at 11.15 am