The meeting started 1:03pm PST. The meeting presentation is in 15-21-0329-01-016t

Attendees:

Tim Godfrey – EPRI

Alessandra Rocha – WiMAX Forum

Daoud Serang – CML Microcircuits

Guy Simpson – Ondas Networks

Juha Juntunen – Meteorcomm

Menashe Shahar – Ondas Networks

Nathan Clanney – Siemens Mobility Incorporated

Royce Connerley – Union Pacific Railroad

Zach Smith – BNSF Railroad

The TG chair asked if anyone would like to be the secretary for the meeting. Alessandra agreed to take the meeting minutes.

The TG chair presented the agenda. There were no objections to the agenda, and it was approved without objection.

The TG chair briefly presented and review rules and policies, guidelines and copywrite policy.

The TG chair proceeded to present the SRD document and discussions followed.

* Updated diagram in 97r9 reviewed. Change the scale to linear. Did not have any major change and doesn’t need additional approval. Updated diagram was reviewed and becomes baseline SRD.
* Menashe explained that there were no major changes on the document. Only added some descriptions. Removed some items in terms of terminology in line with IEEE 802.16 2017. Unnecessary content was removed and marked on the document without major changes on the architecture.
* Menashe included 5kHz on the Frame Duration. Modifications were made according 802.16s.
* Daoud inquired the changes on the modulation and coding schemes. Menashe suggested the information to be used as an example and could be modified.
* Menashe introduced single carrier in the document. It needs to be reviewed. Need to think of each proposed change if should be kept or removed. It can be used as a reference.
* It was asked if there is any special treatment for subchannels? Channels are divided into subchannels within the span. What is the channel span desired? 10 MHz was suggested to be the most appropriated. It may have a cluster of subchannels. Some can be over 10 MHz, but there is more flexibility by using equal small bands or subchannels instead of large channels. Single transceiver with an empty gap with small channels is less complex.
* Menashe asked the group to review the document and provide comments.
* TG chair mentioned that IEEE 802.16-2012 was replaced by IEEE 802.16-2017 and all the information used should be referred by IEEE 802.16-2017 which is the most updated and not IEEE 802.16-2012. Menashe will correct the references to IEEE 802.16-2017.

The TG chair initiated a discussion about the state of the SDD document next.

* MAP Period. Discussed tradeoff of overhead transmitted by base station vs ease of configuration of remotes by provisioning. Need to choose between overhead and latency. With the narrow channel will remove the overhead. Don’t have dedicated subcarriers for pilots. Fixed applications don’t change. If mobile applications need to identify the changes and speed.
* If it doesn’t need to be broadcast, it needs to identify the parameters. Minimal configuration, remote download it for configuration. Thoughts on the tradeoff configuration. Remote support pre configuration, remote can be made simpler if it is pre configurated, without making it a requirement for every terminal. Not one size fits all.
* Next steps: Discussion on SDD V1.0 in doc 15-21-306r0. Review 306r1 and provide comments. Identify if anything is missing. Compare SDD to SRD and identify any requirements that cannot be met by SDD.
* Incorporate security requirements to SDD based on the changes made.
* SDD Approval due on September 2021

The TG chair presented a slide about the future meetings:

* July Plenary Meeting
  + Two initially planned slots:
    - Tuesday, July 13, 1-3pm EDT - 10-2 PDT
    - Tuesday, July 20, 1-3pm EDT - 10-2 PDT
  + No objections to the scheduled times.

The TG chair asked if there was any other business, but there was none.

The TG chair called the meeting adjourned at 1:58pm PDT.