# Participants

* Tim Godfrey, EPRI, TG Chair and meeting host
* Nathan Clanney, Siemens Mobility, Inc.
* Juha Juntunen, Meteorcomm
* Clark Palmer, Meteorcomm, Secretary for the meeting
* Menashe Shahar, Ondas Networks
* Vishal, Ondas Networks
* Harry Bims, Bims Laboratory
* Clint Power, Meta

# Meeting Notes

Start at 1:35PM HST

Chair asked for secretary volunteer. Clark agreed to take meeting minutes

Reviewed agenda and guidelines. No objections or changes to the agenda.

Reviewed Contribution from Menashe (Ondas) on Windowing and Filtering Results (DCN 15-22-0492-00-016t):

* The contribution in support of the July discussion contribution DCN 15-22-0322-00-016t)
* Context: looking for a filtering that provides appropriate ACR performance
* Discussed the contribution’s conclusion that Windowing is not required due to Filtering being sufficient
* Discussed the opportunity for someone else replicate Ondas’ work (simulation) with a fixed bit size to represent a physical DAC
* Vishal (Ondas) agreed to share the simulation that has been done, and others can replicate with fixed point

Next – Menashe (Ondas) will update the PHY proposal in a follow-up post

Reviewed Contribution from Menashe (Ondas) on Repetition Combining for Single Carrier Systems (DCN 15-22-0455-00-016t):

* Discussed the analysis to obtain the maximum PAPR value that the signal can have when identical preamble symbols occupy the subchannels.
* Discussed the contribution’s recommendation that instead of using the same preamble symbol, different preamble symbols are used across the subchannels.
* The group agrees that the proposal is a workable solution to limit PAPR to synchronous preamble across subchannels

Reviewed Contribution from Menashe (Ondas) on PAPR Analysis for Preamble Transmission (DCN 15-22-0454-00-016t):

* Discussed the proposal within the contribution
* Discussion included:
  + Why this and not FEC or lower symbol rate?
  + Discussed the suggestion about changing symbol rate across individual subchannels
  + Discussed if there would be any benefit to supporting other repetitions other than power of 2?
* The group agreed to adopt the proposal of repetition in the PHY specification

Reviewed the ISO-IEC-JTC1-SC6-WG1 Licensed Narrowband contribution (DCN 15-22-0497-00-016t):

* Discussed the similar use cases and data rate requirements
  + Menashe (Ondas) will compare the 802.16 SRD and SDD to the requirements contained within the contribution to specifically highlight similarities.
  + Menashe (Ondas) will forward his comparison to Tim. IEEE will develop a liaison letter back to ISO to highlight work already completed by the TG16t effort.

Reviewed future meeting plans for Sept 14, 2022

Closing discussion, no other business

Meeting adjourned at approximately 2:45 PM HST