The meeting started at 10:05 am, PST

Meeting Attendees:

Tim Godfrey - EPRI

Yoshio Kashiwagi - Nissin Systems

Carlos Aldana - Meta

Clint Powell - Meta

Harry Bims – Bims Laboratories

Kai Lennert Bober - Fraunhofer H

Oded Redlich - Huawei

Chris Calvert

Dag T. Wisland – Novelda

Daoud Serang – CML Microcircuits

Don Sturek - Itron

Ersen Ekrem

Frank Leong - NXP

Jack Zou

Juha Juntunen - MCC)

Masayuki Hirata - Osaka Univ

Menashe Shahar- Ondas Networks

Pooria Pakrooh - Qualcomm

Royce Connerley - Union Pacific Railroad

Ryuji Kohno

Sarat Eruvuru - TTCI

Bivesh Paudyal - TTCI

Shang-Te Yang

Stuart Kerry - Ok-Brit

Sven Zeisberg

Takumi Kobayashi - YNU

Tero Kivien

Thomas Almholt

* The TG chair, Tim, asked Bivesh if he could volunteer for the role of secretary for the meeting.
  + Bivesh agreed.
* The TG chair presented the agenda for the call. There were no objections on the agenda. Agenda was approved with unanimous consent.
* The TG Chair mentioned that there is one contribution by Menashe for this call.
* Menashe told everyone that this contribution is related to PHY layer design considerations for IEEE 802.16t air interface.
* Menashe presented slide with some of the key SRD PHY layer requirements
* Menashe explained results from the simulations on how number of subchannels impact the PAPR for different modulation schemes
  + Daoud asked clarification, on slide 10, the reason for having 0dB PAPR for single carrier QPSK.
  + Action Item #1: Menashe told he will provide details about the simulation on why there is 0dB PAPR
* Menashe presented slides to explain the concept of IBR filter and how it may be beneficial to reject in band interference.
* Menashe presented slides from the simulation results on how the use of non-equal bandwidth subchannels impact the orthogonality of the system.
  + 2 scenarios were presented; when there is no guard band and when there is guard band between the subchannels with the channel width of 12.5 kHz and 25 kHz
  + The result of the simulation showed that the system will require a large guard band if subchannels with different channel width are used to avoid interference.
* Daoud pointed out challenges that need to be resolved when orthogonal subchannels co-exist adjacent to the traditional narrowband channels that are non-orthogonal.
* Tim asked the group if anyone will take an action item to make changes in SRD and SDD based on the discussion from February telecon, i.e., changes mentioned in slide 18.
  + Action Item #2: Menashe agreed to make these changes.
* Action Item #3: Menashe agreed to prepare the contribution proposal for the PHY layer next, which he thinks can be done by April.

Meeting adjourned at 11:08 am, PST.