

WirelessHUMAN™ Closing Plenary, Session #11

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IEEE 802.16 Session #11

Base Document:

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Purpose:

WirelessHUMAN™ Agenda and Activity, Closing Plenary, IEEE 802.16 Session #11

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IEEE 802.16 Task Group 4

WirelessHUMANTM

Closing Plenary, Session #11,
Ottawa, Jan 26 2001

TG 4 Activity

- Reviewed 20 Proposals
 - 7 PHY
 - 13 MAC
- Achieved Consensus on various issues
- Initiated draft of document identifying action items on consensus items for Feb Interim Meeting
- ITU-R Liaison letter regarding UNII bands regulation

MAC Consensus Items

- Immediate Action Required
 - Type field modification to 802.16.1 Generic Header
 - Determine status of TG1 concatenation contribution

MAC Consensus Items

- Prioritized TG4 Issues:
 - ARQ (TG3, TG4)
 - MAP Flexibility (TG3, TG4)
 - DFS (TG4)
 - Transmission Power Control (TG3, TG4)
 - Adaptive Modulation – check TG1 (TG3, TG4)
 - Ranging, Frame Synchronization (TG3, TG4)
 - Optional support of mesh topology (TG4)

Nominations for TG4 Positions

- Vice Chair:
 - Sanjay Moghe, RF Solutions
- Regulatory Lead (Coexistence Liaison):
 - David Chauncey, Clearwire Technologies

PHY Consensus Items

- TDD Operation
- OFDM Modulation
- Interference Mitigation Techniques
 - For example frequency hopping sub layer, channelization, adaptive smart antennae, adaptive power control, adaptive modulation, Mesh/repeater topology

TG4 Feb Interim Meeting

- Goal: Continue consolidating proposals reviewed at Session 11 into a single document specifying TG4 amendments to TG1 draft standard.
- Brief Agenda
 - Feb 15:
 - 8:00 a.m. - 9:00 a.m. INITIATE SESSION
 - 9:00 a.m. - 4:00 p.m. MAC/PHY PARALLEL SESSIONS
 - 4:00 - 5:00 p.m. JOINT SESSION
 - Feb 16:
 - 8:00 a.m. - 2:00 p.m. MAC/PHY PARALLEL SESSIONS
 - 2:00 p.m. - 5:00 p.m. JOINT SESSION