IEEE P802.11
Wireless LANs

|  |
| --- |
| PDED ad hoc Telecon Minutes 20161025 |
| Date: 2016-10-25 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Dick Roy | SRA | 3351 Shady Spring Lane Mountain View, CA 94040 | +1-650-861-3351 | dickroy@alum.mit.edu |
|  |  |  |  |  |

Abstract

This document contains the minutes of the IEEE 802.11 PDED ad hoc teleconference on 2016-10-25.

Teleconference from 5:03 PM to 5:52 PM EDT

October 25th, 2016

PDED ad hoc call chaired by Andrew Myles (Cisco)

Dick Roy (SRA) volunteered to be secretary.

Meeting called to order at 5:03PM EDT.

Agenda in 16/1345r0 slide 10 was approved.

16/1344r0 was presented by Thomas Derham from Broadcom. Summary of current 802.11 PD mechanisms was given, including the current draft proposal in .11ax. A summary of a proposed response was presented (slide 8). Basically it reiterated the previous responses to 3GPP concerning LAA and its adoption of the 802.11 PD and CTS-to-self.

Discussion of the proposal ensued. Question concerning whether reiterating a previously rejected proposal was raised. The point was made that the proposal could be phrased as a set of technical recommendations for LAA behavior that would be in LAA’s best interest. Point was made that including CTS-to-self might be a bit too tough a sell. It was also noted that use of PD is a more robust approach to coexistence than ED, and that PD should be stressed going forward as the better solution for coexistence.

It was then noted that many of these approaches would be subject to change in the near future and altering the 802.11 standard would be inappropriate at this time. Any coexistence mechanisms should be the subject of a “harmonized standard” to which products are tested.

General consensus was reached that there should be a dialog between 802.11 and 3GPP, especially concerning PD versus ED. Thomas volunteered to write a first draft of a response over the next two weeks (Andrew to assist) so there would a draft for discussion in San Antonio. It was noted there was a 3GPP RAN meeting scheduled for the following week in Reno. Two weeks after San Antonio is the ETSI BRAN meeting and it was agreed no submission would be prepared for that meeting so as to not delay ETSI’s progress. Request for 802.11 members to review ETSI EN 301 893 was made.

The question was raised whether 802.11 could provide more simulation and/or testing evidence concerning the superiority of PD over ED. Such information would make any response to 3GPP more compelling.

The call scheduled for next week was cancelled.

Next meetings will be two sessions in San Antonio.

Meeting was adjourned at 5:52 EDT.

**Attendees:**

Dick Roy (SRA)

Kosuke Aio (Sony)

Laurent Cariou (Intel)

Mark Hamilton (Ruckus)

Patrick

Paul Nikolich

Peter Ecclesine (self)

Reza Hedayat (Newracom)

Ron Porat

Andrew Myles (Cisco)

Thomas Derham (Broadcom)

Amal Ekbal

Carlos Cordeiro (Intel)

Guido Hiertz (Ericsson)

Jinjing Jiang (Marvell)

Ryuichi Hirata

Sai

Stuart Kerry (Ruckus)

Tom Pare

Vinko Erceg (Broadcom)

Sean Coffey (Realtek)