

Project: IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs)

Submission Title: [Proposal to add a new subclause and annex for optional low complexity mode]

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Re: []

Abstract: [Resolutions to Comments on OOK and DAMI]

Purpose: [This document provides a list of the editing staff that will be working on 802.15.3c.]

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Proposal to add a new subclause and annex for optional low complexity mode

Panasonic, Motorola

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Summary

- This document proposes to text modification for Class 4 OOK/DAMI devices:
 1. Rename the Class 4 OOK/DAMI devices as “Optional Low Complexity Mode”
 2. Create a new sub-clause 12.2.2.5 describe “Optional Low Complexity Mode”
 - Modulation, forward error coding and code repetition.
 3. Create a new annex D3 to describe OOK/DAMI in child piconet
 - Child piconet operation, PHY preamble, PHY frame format and inter frame space
 4. Remove Class 4 devices from Table 99 and Table 100.

Changes in the Baseline Document Main Body

- The introductory sub-clause of Class 4 OOK/DAMI will be written in sub-clause 12.2.2.5 Optional Low Complexity Modes
- The actual text of the sub-clause can be found in 08/624 entitled “Proposed Text on Subclause 12.2.2.5 and Annex D3 for OOK/DAMI”.

The Newly Added Annex for Low Complexity Optional Modes

- The newly composed annex is called “Annex D3 Child Piconet Operation for OOK/DAMI Devices”
- The newly composed annex is given in 08/624 entitled “Proposed Text on Subclause 12.2.2.5 and Annex D3 for OOK/DAMI”.