

Questions

IEEE p802.4L  
Through-the-Air Physical Media, Radio  
**Questions**  
First Version

INTRODUCTION

This document summarizes the main questions to be resolved for obtaining a standard for the radio physical medium.

The questions given in this document are the same as the issues stated in the "Positions and Arguments" document currently published as Doc: IEEE p802.4L/90-17 and they carry the same number.

Submissions

Members of the Task-group are requested to make submissions just addressing a single question and to state the number of the question in the heading of the submission in the following way:

Question: 2.1.3.

However, if the subject of the submission nevertheless encroaches more than one question, then all question numbers are to be stated in the heading in the following way:

Question: 3.1 / 4 / 8.

- 1        \*I:    What are the Product Requirements of the Radio LAN PHY?
- 1.0.1                \*I:What is the acceptable BER?
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- 2        \*I:    What is the definition of the transmitted signal?
- 2.1        \*I:    What type of modulation (Carrier) should be used?
- 2.2        \*I:    What power should be transmitted
- 2.3        \*I:    What type of modulation (spreading) should be used?
- 2.4        \*I:    Should Forward Error Correction (FEC) be used?
- 2.5        \*I:    Is scrambling required?
- 2.6        \*I:    How should the MAC symbols be encoded?
- 2.7        \*I:    What data rate?
- 2.8        \*I:    How is the requirement for limiting phase noise specified?

Questions

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- \*I: What should be specified for the receiver?
- \*I: What Network Management objects are to be defined?
- \*I: What are the characteristics of the medium?
- \*I: What is the characteristic of the RF Propagation?
- \*I: What can be done to control the RF propagation?
- \*I: What is the definition of the Distribution System?
- \*I: How are the forward and reverse channels separated?
- \*I: What is the format of the PHY PDU?
- \*I: How is the best reverse radio access point selected?
- \*I: What is to be specified for the antennae deployment?
- \*I: What is the transmitted Power?
- \*I: How is the RF frequency of the forward radio access points controlled?
- \*I: What should be defined in environmental Specifications?
- \*I: What are the characteristics of noise and likely interferers?
- ?I: How can Field Disturbance Devices (FD devices), in particular shoplifting devcies, co-exist with IEEE p802.4L (RLAN) systems?
- \*I: What is required on labelling?
- \*I: What is to be specified about Coverage Area?
- \*I: What guidelines should be given in the standard?
- \*I: What steps are required to obtain a frequency band allocation dedicated to RLAN?
- \*I: What features are required of p802.4 RLAN to work together with other p802.x RLANs?