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|  | **2011** |
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| **[IEEE 802.15.4-2006 MAC layer specification understanding]** |
| This document is created to allow better understanding of the IEEE802.15.4-2006 MAC layer specification |

Understanding the specifications

# Purpose

This document is created to allow better understanding of the IEEE802.15.4-2006 MAC layer specification at least to myself by noting the important notes of each feature of the specification composing some sort of summarization of the specification to better remember the important information and help in understanding the whole specification.

# Introduction

This document has a section for each feature of the IEEE802.15.4-2006 MAC layer standard, in each section the most important information regarding this feature are mentioned. The included information of each section may be bulleted points, text paragraphs or some diagrams.

This document isn’t intended to be an official document in the lifetime of the project but it’s just an initial step after about 8 hours of quickly reading the specifications.

# Features

## Initialization

## Channel access

## Starting and maintaining PANs

## Synchronization

## Transaction handling

## Transmission, reception & acknowledgement

## GTS allocation and management

## Security