IEEE P802.11
Wireless LANs

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| **Specification Framework for TGax** |
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Abstract

This document provides the framework from which the draft TGax amendment will be developed. The document provides an outline of each the functional blocks that will be a part of the final amendment. The document is intended to reflect the working consensus of the group on the broad outline for the draft specification. As such it is expected to begin with minimal detail reflecting agreement on specific techniques and highlighting areas on which agreement is still required. It may also begin with an incomplete feature list with additional features added as they are justified. The document will evolve over time until it includes sufficient detail on all the functional blocks and their inter-dependencies so that work can begin on the draft amendment itself.

#  Revision history

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| --- | --- | --- |
| Revision | Date | Changes |
| 0 | January 13, 2015 | As approved by TG motion at the November 2014 meeting |
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# 1 Definitions

# 2 Abbreviations and acronyms

HE High Efficiency

UL Uplink

DL Dowlink

OFDMA Orthogonal Frequency-Division Multiple Access

# 3 High Efficiency (HE) Physical Layer

This section describes the functional blocks in the physical layer.

# 4 Multi-user (MU) features

This section describes MU related features. MU features include UL and DL OFDMA and UL and DL MU-MIMO.

# 5 Coexistence

This section describes the functional blocks that support coexistence.

## 5.1 Features for operation in dense environments

This section describes features that improve overlapping BSS (OBSS) operation in dense environments. This includes features such as deferral rules and CCA levels.

# 6 MAC

This section describes general MAC functional blocks.

## 6.1 Power Save

# References:

14/1453r2 Proposed Spec Framework Document for TGax