IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Specification Framework for TGbe** | | | | |
| **Date:** 2019-07-15 | | | | |
| **Author(s):** | | | | |
| **Name** | **Affiliation** | **Address** | **Phone** | **email** |
| Edward Au | Huawei | 400-303 Terry Fox Drive,  Ottawa, ON, K2K 3J1 |  | [edward.ks.au@gmail.com](mailto:edward.ks.au@gmail.com) |

Abstract

This document provides the framework from which the draft TGbe 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

|  |  |  |
| --- | --- | --- |
| Revision | Date | Changes |
| 0 | July 15, 2019 | Initial version |

**Table of Contents**

[Revision history 2](#_Toc14066108)

[1. Abbreviations and acronyms 4](#_Toc14066109)

[2. EHT PHY 4](#_Toc14066110)

[1.1 General 4](#_Toc14066112)

[1.2 PHY TBD #1 4](#_Toc14066113)

[3. MU features 4](#_Toc14066114)

[2.1 General 4](#_Toc14066116)

[2.2 MU feature #1 4](#_Toc14066117)

[4. Coexistence 4](#_Toc14066118)

[3.1 General 4](#_Toc14066120)

[3.2 Coexistence feature #1 4](#_Toc14066121)

[5. EHT MAC 4](#_Toc14066122)

[4.1 General 4](#_Toc14066124)

[4.2 MAC feature #1 5](#_Toc14066125)

[6. Frame format 5](#_Toc14066126)

[5.1 General 5](#_Toc14066128)

[5.2 Field #1 5](#_Toc14066129)

[7. References 5](#_Toc14066130)

# Abbreviations and acronyms

EHT Extremely high throughput

MU Multi-user

PHY Physical layer

# EHT PHY



## General

This section describes the functional blocks in the EHY PHY.

## PHY TBD #1

Description for PHY TBD #1

# MU features



## General

This section describes the functional blocks in the EHY PHY.

## MU feature #1

Description for MU feature #1

# Coexistence



## General

This section describes the functional blocks that support coexistence.

## Coexistence feature #1

Description for coexistence feature #1

# EHT MAC



## General

This section describes the functional blocks in the EHY MAC.

## MAC feature #1

Description for MAC feature #1

# Frame format



## General

This section describes the frame formats.

## Field #1

Description for Field #1

# References