IEEE P802.11  
Wireless LANs

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| **Specification Framework for TGbe** | | | | |
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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 draft version for task group review |
| 1 | July 18, 2019 | Revised draft version based on the inputs from task group members |
| 2 | July 18, 2019 | Further revised draft version based on the inputs from task group members |

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# Abbreviations and acronyms

EHT Extremely high throughput

MAC Medium access protocol

PHY Physical layer

# EHT PHY



## General

This section describes the functional blocks in the EHY PHY.

## PHY TBD #1

Description for PHY TBD #1

# EHT MAC



## General

This section describes the functional blocks in the EHY MAC.

## MAC TBD #1

Description for MAC feature #1

# Coexistence and regulatory rules



## General

This section describes the functional blocks that support coexistence. It additionally describes, if needed, adaption to regulatory rules specific to 6 GHz spectrum.

## Coexistence feature #1

Description for coexistence feature #1

# Wideband and noncontiguous spectrum utilization



## General

This section describes features related to the support of wider bandwidth and utilization of non-contiguous spectrum.

## Feature #1

Description for feature #1

# Multi-band and multichannel aggregation and operation



## General

This section describes features related to multi-band and multichannel aggregation and operation.

## Feature #1

Description for feature #1

# Spatial stream and MIMO protocol enhancement



## General

This section describes features related to 16 spatial stream operation and MIMO protocol enhancement.

## Feature #1

Description for feature #1

# Multi-AP operation



## General

This section describes features related to multi-AP operation.

## Feature #1

Description for feature #1

# Link adaptation and retransmission protocols



## General

This section describes features related to enhanced link adaptation and retransmission protocols.

## Feature #1

Description for feature #1

# Low latency



## General

This section describes features related to low latency.

## Feature #1

Description for feature #1

# References