IEEE P802.11
Wireless LANs

|  |
| --- |
| **Specification Framework for TGbp** |
| **Date:** 2024-09-03 |
| **Author(s):** |
| **Name** | **Affiliation** | **Address** | **Phone** | **email** |
| Yinan Qi | OPPO | 18 Haibin Road, Wusha, Chang'an Town, Dongguan, Guangdong Province, P.R. China |  | v-qiyinan@oppo.com |

Abstract

This document provides the framework from which the draft TGbp 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 | Sep 03, 2024 | Initial version |

**Table of Contents**

[Revision history 2](#_Toc176167166)

[1. Abbreviations and acronyms 4](#_Toc176167167)

[2. AMP MAC 4](#_Toc176167168)

[2.1 General 4](#_Toc176167171)

[2.2 MAC feature #1 4](#_Toc176167172)

[2.3 MAC feature #2 4](#_Toc176167173)

[3. AMP PHY 4](#_Toc176167174)

[3.1 General 4](#_Toc176167176)

[3.2 PHY feature #1 4](#_Toc176167177)

[3.3 PHY feature #2 4](#_Toc176167178)

[4. AMP WPT 4](#_Toc176167179)

[4.1 General 4](#_Toc176167181)

[4.2 WPT feature #1 5](#_Toc176167182)

[4.3 WPT feature #2 5](#_Toc176167183)

[5. References 5](#_Toc176167184)

# Abbreviations and acronyms

AMP ambient power

MAC medium access control

PHY physical layer

WPT wireless power transfer

# AMP MAC

1.
2.

## General

This section describes the functional blocks in the AMP PHY.

## MAC feature #1

Description for PHY feature #1

## MAC feature #2

Description for PHY feature #2

# AMP PHY

1.

## General

This section describes the functional blocks in the AMP MAC.

## PHY feature #1

Description for MAC feature #1

## PHY feature #2

Description for MAC feature #2

# AMP WPT

1.

## General

This section describes the functional blocks for the AMP WPT.

## WPT feature #1

Description for WPT feature #1

## WPT feature #2

Description for WPT feature #2

# References

1. [11-24-xxxx](https://mentor.ieee.org/802.11/dcn/24/11-24-0171-03-00bn-tgbn-motions-list-part-1.pptx):