IEEE P802.11
Wireless LANs

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| 11bn PDT Joint Nominal Packet Padding Selection |
| Date: January, 2025 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Mengshi Hu | Huawei |  |  | humengshi@huawei.com |
| Ross Jian Yu | Huawei |  |  | ross.yujian@huawei.com |
| Youhan Kim | Qualcomm  |  |  | youhank@qti.qualcomm.com |
| Eugene Baik | Eugene Baik |  |  | eugeneb@qca.qualcomm.com |
| Shengquan Hu | MediaTek |  |  | shengquan.hu@mediatek.com |
| Juan Fang | Intel |  |  | juan.fang@intel.com |
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Abstract

This document contains Proposed Draft Text (PDT) for the Nominal Packet Padding Selection of the TGbn (UHR, Ultra High Reliability) amendment to the 802.11 standard.

# Revision information

The following is a summary of the important changes that occurred within each revision of this document:

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| **Revision** | **Major changes** |
| 0 | Initial revision |
| 1 | Add some general texts based on 11be D7.0 |
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# Introduction

Interpretation of a Motion to Adopt

A motion to approve this submission means that the editing instructions and any changed or added material are actioned in the TGbn Draft. The abstract, revision information, introduction, explanation of the proposed changes, and references sections are not part of the adopted material.

***Editing instructions formatted like this are intended to be copied into the TGbn Draft (i.e. they are instructions to the 802.11 editor on how to merge the text with the baseline documents).***

## Explanation of the proposed changes:

The proposed changes to the 802.11 TGbn draft within this document are based on the following motions adopted by the TGbn task group.

### Relevant passing motions:

None.

# Text to be adopted begins here:

***TGbn editor: Please add the following new subclauses for Nominal Packet Padding Selection to the 802.11bn draft D0.1 (NOTE: The following subclauses are based on 11-24-1993r2):***

# 37. Ultra High Reliability (UHR) MAC specification

## 37.5 Nominal Packet Padding values selection rules

### 37.5.1 General

A UHR STA with dot11UHRPPEThresholdsRequired equal to false may set the PPE Thresholds Present subfield in the UHR Capabilities element that it transmits to 0.

A UHR STA with dot11UHRPPEThresholdsRequired equal to true shall set the PPE Thresholds Present subfield in the UHR Capabilities element that it transmits to 1.

# Text to be adopted ends here.

# References:

1. 11-24-0171r26: 11-24-0171-21-00bn-tgbn-motions-list-part-1, Alfred Asterjadhi (Qualcomm Inc.)
2. 11-24-1993r3: 11-24-1993-00-00bn-tgbn-d0-1-spec-skeleton, Ross Jian Yu (Huawei)