IEEE P802.11
Wireless LANs

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| PDT Update: Resolution for TBD in 36.3.16 Transmit requirements for PPDUs sent in response to a triggering frame |
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Abstract

This submission proposes the draft text update for **transmit requirements for PPDUs sent in response to a triggering frame** for 802.11be D1.0. The revised contents in this draft indicate the changes compared with the text in D0.4. The following changes are made in this submission:

1. Remove 1 TBD
2. Note: There are 5 TBDs in this subclause. 4 of them are related to TRS control, and will be discussed in 21/0663 (Jason Yuchen Guo). Thus only 1 TBD is discussed in this PDT update.

**Version history:**

Rev 0: Initial PDT

* Transmit requirements for PPDUs sent in response to a triggering frame
* Introduction

An AP may solicit simultaneous EHT TB PPDU transmissions, or simultaneous non-HT or non-HT duplicate PPDU transmissions from multiple non-AP STAs using a triggering frame. Since there are multiple transmitters, transmission time, frequency, sampling symbol clock, and power pre-correction (in the case of an EHT TB PPDU) by the non-AP STAs are necessary to mitigate synchronization and interference issues at the AP. Frequency and sampling clock pre-corrections are needed to prevent inter-carrier interference. Power pre-correction is necessary to control interference between EHT TB PPDU transmissions from the non-AP STAs. An AP may solicit simultaneous EHT TB PPDU transmissions from both Class A and Class B devices. A non-AP STA that supports EHT TB PPDU transmission shall support power pre-correction as described in 36.3.16.2 (Power pre-correction) and shall meet the pre-correction accuracy requirements described in 36.3.16.3 (Pre-correction accuracy requirements).