IEEE P802.11
Wireless LANs

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| Proposed Draft Text for TXOP: Bandwidth Signaling |
| Date: 2020-08-24 |
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Abstract

This submission proposes draft text for TXOP: Bandwidth signaling based on the following portions of the SFD:

1. 802.11be supports defining a MAC mechanism to protect TXOP for PPDUs with > 160 MHz and/or PPDUs with preamble puncturing.

[Motion 111, #SP0611-26, [13] and [85]]

1. 802.11be supports indicating BW larger than 160 MHz through scrambler sequence in non-HT or non-HT duplicated frames.

[Motion 115, #SP102, [10] and [86]]

Revisions:

* Rev 0: Initial version of the document.

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

***TGbe Editor: Editing instructions preceded by “TGbe Editor” are instructions to the TGbe editor to modify existing material in the TGbe draft. As a result of adopting the changes, the TGbe editor will execute the instructions rather than copy them to the TGbe Draft.***

***Insert new Clause 33 following Clause 32 as follows:***

33. Extremely High Throughput (EHT) MAC specification

33.x TXOP

33.x.y1 Bandwidth Signaling

In an EHT BSS, bandwidth indication and TXOP protection for PPDUs with bandwidth greater than 160MHz and for PPDUs with or without preamble puncturing shall be supported.

An EHT STA can transmit a control frame to a peer EHT STA in a non-HT or non-HT dulplicate PPDU format to indicate bandwidth greater than 160MHz without preamble puncturing through the scrambling sequence in the SERVICE field of the non-HT or non-HT duplicate PPDU.

**Straw Poll: Do you support to incorporate the proposed draft text in this document 11-20/1281r0 to the TGbe Draft 0.1?**

**Result: Yes/No/Abstain**