IEEE P802.11
Wireless LANs

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| PDT-PHY-Clause 3.2 definitions updates |
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Abstract

This document contains proposed draft text update for clause 3.2 in IEEE 802.11be D1.0.

Discussion

A 20MHz-only EHT-STA only has defined in 2.4GHz and 5GHz band. And, through the discussion for the HE and EHT dependencies, we have agreed that the EHT capabilities information field does not include the indication of channel width.

So, a 20MHz-only EHT-STA can get the information of supported channel width by using the HE capability information field.

***TGbe editor: please modified the definition of 20MHz only non-AP EHT STA in P35L43 of 11be D0.4 as follows***

20 MHz-only non-access-point (non-AP) extremely high throughput station (EHT STA): A non-AP EHT STA that indicates in the Supported Channel Width Set subfield in the ~~EHT~~HE PHY Capabilities Information field in the ~~EHT~~HE Capabilities element that it supports only 20 MHz channel width for the frequency band in which it is operating.