IEEE P802.11
Wireless LANs

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| **TGbe D0.3 Comment Resolutions for CID 1253 and 1306** |
| **Date:** 2021-03-15 |
| **Author(s):** |

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Abstract

This submission proposes resolutions for CID 1253 and 1306 of TGbe D0.3

Revisions:

* Rev 0: Initial version of the document.

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 TGbe D0.3 Draft. This introduction is not part of the adopted material.

***Editing instructions formatted like this are intended to be copied into the TGbe D0.3 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.***

#### *CIDs 1253, 1306*

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| **CID** | **Clause** | **PP.LL** | **Comment** | **Proposed Change** | **Resolution** |
| 1253 | 36.3.2.5 | 195.58 | "This support is indicated in the Supported Channel Width Set subfield in the EHT PHY Capabilities Information field in the EHT Capabilities element (see 9.4.2.295c.1 (EHT PHY Capabilities Information field))." Double check the capability field name to support RU242 for 20MHz operation STA in wideband OFDMA | as in comment | RevisedIn 11-21/0224r4, it has been determined that support of 242-tone RUs for 20MHz operating STAs in wider BW is indicated in the Support for 242-tone RU in BW wider than 20 MHz subfield in the EHT PHY Capabilities Information field in the EHT Capabilities element.TGbe editor to make the changes shown in 11-21/0401r0. |
| 1306 | 36.3.2.5 | 195.58 | "This support is indicated in the Supported Channel Width Set subfield in the EHT PHY Capabilities Information field in the EHT Capabilities element" refers to something outside the PHY layer. | Instead refer to a parameter in the PHY CONFIG\_VECTOR or a PHY MIB variable | RevisedAgree in principle with the commenter. In 11-21/0224r4, it has been determined that support of 242-tone RUs for 20MHz operating STAs in wider BW is indicated in the Support for 242-tone RU in BW wider than 20 MHz subfield in the EHT PHY Capabilities Information field in the EHT Capabilities element. Define a new PHY MIB variable that relates to the Support for 242-tone RU in BW wider than 20 MHz subfield and modify the sentence by referring to it. Also, add it into Table 36-56 (EHT PHY MIB attributes) and Annex C.TGbe editor to make the changes shown in 11-21/0401r0. |

*TGbe Editor: Please add the following new PHY MIB in Table 36-56 (EHT PHY MIB attributes) of D0.3:*

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| **dot11PHYEHTTable** |
| dot11EHTCurrentChannelWidthSet | Implementation dependent | Dynamic |
| dot11EHTSupportFor242ToneRUInBWWiderThan20Implemented | false/Boolean | Static |

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*TGbe Editor: Please make the following changes in 195.58 of D0.3:*

This PHY capability is indicated to the MAC sublayer by dot11EHTSupportFor242ToneRUInBWWiderThan20Implemented.

NOTE – the STA advertises the value of dot11EHTSupportFor242ToneRUInBWWiderThan20Implemented in the Support For 242-tone RU In BW Wider Than 20 MHz subfield in the EHT PHY Capabilities Information field in the EHT Capabilities element (see 9.4.2.295c.1 (EHT PHY Capabilities Information field)).

*TGbe Editor: Please create new subsections and add the following sentence within 35.4 MU operation of D0.3:*

**35.4.x DL MU operation35.4.x.x RU allocation in an EHT MU PPDU**

If dot11EHTSupportFor242ToneRUInBWWiderThan20Implemented equals false then the STA shall not set the Support For 242-tone RU In BW Wider Than 20 MHz subfield of the EHT PHY Capabilities Information field in the EHT Capabilities element to 1.(#1306)

*TGbe Editor: Please append the following new PHY MIB at the end of Editor’s Note in Annex C of D0.3:*

* dot11EHTSupportFor242ToneRUInBWWiderThan20Implemented