IEEE P802.11
Wireless LANs

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| **LB276 CR for Sensing Trigger frame**  |
| **Date:** 2023-09-12 |
| **Author(s):** |

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Abstract

This submission proposes the resolutions for following 3 CID

* 3532, 3249, and 3291

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 TGbf D2.0 Draft. This introduction is not part of the adopted material.

***Editing instructions formatted like this are intended to be copied into the TGbf D2.0 Draft (i.e. they are instructions to the 802.11 editor on how to merge the text with the baseline documents).***

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

#### *CID 3532*

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| **CID** | **Clause** | **PP.LL** | **Comment** | **Proposed Change** | **Resolution** |
| 3532 | 9.3.1.22 | 35.23 | Does the STA's maximum transmit power need to follow the regulation? If so, it is better to say that " The STA transmits the HE TB PPDU at the STA's maximum allowable transmit power for the assigned HE-MCS?" Similar logic is applied to line 35, i.e., changing "maximum transmit power" to " maximum allowable transmit power". | As in comment | Rejected. The maximum transmit power is determined based on the regulation and this was already notified in the 802.11 REVme D3.0.So, we don’t need to change it and for consistency with 11REVme, it should be kept. |

Discussion:



#### *CID 3249*

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| **CID** | **Clause** | **PP.LL** | **Comment** | **Proposed Change** | **Resolution** |
| 3249 | 9.3.1.22.14.1 | 36.65 | Rewrite as one sentence. | Rewrite as "The Sensing field indicates whether the Trigger frame is of the type Sensing Trigger variant. The Sensing field is set to 1 in the Sensing Trigger variant, otherwise it is set to 0." |  Revised. Agree in principle with the modification. This sentence can be simplified as one sentence for convenience.Instruction to TGbf Editor: incorporate the changes in https://mentor.ieee.org/802.11/dcn/23/11-23-1575-00bf-LB276-CR-for-Sensing-Trigger-frame.docx |

Discussion:



***TGbf Editor: please modify the text of P36L65 as follows***

The Sensing field indicates whether the Trigger frame is of the type Sensing Trigger variant. The Sensing

field is set to 1 in the Sensing Trigger variant, otherwise, it is set to 0.

#### *CID 3291*

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| **CID** | **Clause** | **PP.LL** | **Comment** | **Proposed Change** | **Resolution** |
| 3291 | 9.3.1.22.14.1 | 37.18 | How should the TA of a Trigger frame be set if the stated condition is not satisfied? It may mislead to an AP may send sensing TF to a STA that belongs to another non-collocated BSS. Since the transmitted BSSID of a multiple BSSID set is also the transmitting AP's MAC address, the paragraph could be simplied. | The TA of a Trigger frame destined to sensing responders in a TB sensing measurement exchange is set to the transmitting AP's MAC address, which is also the transmitted BSSID if the AP belongs to a multiple BSSID set. | Revised,Agree in principle with adding the specific wording. Instruction to TGbf Editor: incorporate the changes in https://mentor.ieee.org/802.11/dcn/23/11-23-1575-00bf-LB276-CR-for-Sensing-Trigger-frame.docx |

Discussion: None



***TGbf Editor: please modify the text of P37L18 as follows***

The TA of a Trigger frame destined to sensing responders in a TB sensing measurement exchange is set to the transmitting AP’s MAC address if these sensing responders have received a Sensing Measurement Request frame containing the same transmitting AP’s MAC address. The TA of a Trigger frame destined to sensing responders in a TB sensing measurement exchange is set to the transmitted BSSID if these sensing responders have received the Sensing Measurement Request frame containing different BSSID from an AP that support multiple BSSIDs.

# SP

Do you support resolutions to the following CIDs and incorporate the text changes into the latest TGbf draft: 3535, 3249, 3291 in 11-23/1575r0?

Y/N/A