IEEE P802.11
Wireless LANs

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| Resolution for CID 20346 related to BSS Color  |
| Date: March 14, 2019 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Lv Kaiying | ZTE Corp. |  |  | lv.kaiying@zte.com.cn |

 Abstract

This submission proposes resolution for comment CID 20346 received for TGax LB238 (9):

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 TGax Draft. This introduction is not part of the adopted material.

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

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

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| **CID** | **Commenter** | **Section** | **Page** | **Line** | **Comment** | **Proposed Change** | **Resolution** |
| 20346 | Kaiying Lv | 26.11.4 | 406 | 39 | How to ensure that all HE STAs associated with a non-HE AP use the same active BSS color for all their TDLS links? Provide a mechanism to ensure it, such as using partial BSSID of the non-HE AP as the active BSS color of the TDLS links. | As in comment. | **Revised**Agree with the comment.**TGax editor, please make changes as shown in 11-19/0494r0 CID 20346** |

***TGax Editor: This document is based on 802.11-19/0395r1***

* **BSS color**

***TGax Editor: Please make the changes as shown below***

**26.17.3.0a General**

The BSS color is an identifier of the BSS and is used to assist a receiving STA in identifying the BSS from which a PPDU originates so that the STA can use the channel access rules as described in 26.10 (Spatial reuse operation) or reduce power consumption as described in 26.14.1 (Intra-PPDU power save for non-AP HE STAs) or update the NAV as described in 26.2.4 (Updating two NAVs).

All APs that are members of a multiple BSSID set or co-hosted BSSID(18/1814r2) set shall use the same BSS color.

A non-AP HE STA associated with an HE AP that is transmitting an HE PPDU in a direct path to a TDLS peer STA shall set the BSS Color subfield of the HE Operation element it transmits to the peer STA to the value indicated in the BSS Color subfield of the HE Operation element received from the HE AP. An HE STA associated with a non-HE AP that is the initiating STA shall use the same active BSS color for all its TDLS links by setting the BSS Color subfield of the HE Operation element it transmits to the TDLS peer HE STA to the value of BSSID[39:44] of the non-HE AP or the transmitted BSSID[39:44] of the non-HE AP if the AP indicates the support of multiple BSSID in its Extended Capabilities element.[20346]