IEEE P802.11  
Wireless LANs

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| **Proposed Resolution to CID 9574** |
| **Date:** 2017-05-03 |

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Abstract

This submission proposes resolutions for comment CID 9574 related to TGax D1.2.

Revisions:

* Rev 0: Initial PPT version of the document.
* Rev 1: Initial word version of the document
* Rev 2: Editorial changes
* Rev3: change comment resolution to “Rejected” and remove the proposed text change

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| **CID** | **Clause Number** | **Page** | **Line** | **Comment** | **Proposed Change** | **Resolution** |
| 9574 | 27.7.2 | 181 | 1 | If a TWT STA is not required to listen to beacon frame, it may need a mechanism to update the BSS information when AP udpates BSS info in the beacon frames. | define a rule or mechanism for TWT stations to synchronize the BSS information change when AP updates the BSS information in beacon frame. | Rejected.  The AP can transmit any frame during the TWT SP to the STA (such as Probe Response, TIM Broadcast frames, HE BSS Color Change Announcement frame and so on, each of which can be used for this purpose). There is no need to define new mechanisms for this purpose. |

**Discussion**

Abstract

This document provides resolutions for the following CIDs on Clause 25.9.3. The baseline for this comment resolution document is 802.11ax Draft 0.1.

* CIDs: 705, 706

The rev2 of this CR was concerned about BSS color disabled or color change announcement for TWT STAs. The HE AP shall set the BSS Color Disabled subfield to 1 in the HE Operation element that it transmits if the BSS color collision persists for a duration of at least dot11BSSColorCollisionAPPeriod. For TWT SP, TIM frame can be sent to indicate the TWT STAs to check Beacon, or the BSS Color Change Announcement frame can be sent at the beginning of the TWT SP to announce the color change. Letting some TWT STAs wait for a little more time until checking next Beacon won’t cause additional harm. Or AP and TWT STAs can continue to operate during the TWT SPs with color collision till receiving color change announcement frame. Therefore, we don’t need to have another frame to announce color disable case.