IEEE P802.11
Wireless LANs

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| CC50: Switching back condition for NPCA operation |
| Date: 2025-07-04 |
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 **Abstract**

This document contains resolutions for the following 3 CIDs related to the NPCA switching back condition received for TGbn CC50 Comment Resolution:

* 251, 1516, 3956

Revisions:

* Rev 0: Initial version of the document.
* Rev 1: Minor changes to align with PDT-CR-MAC-NPCA-CC50 (25/936r9)
* Rev 2: Some Editoral changes and technical changes based on discussion with members

**Introduction**

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 TGbn Draft. The abstract, revision information, introduction, explanation of the proposed changes and references sections are not part of the adopted material.

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

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

**CIDs**

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| --- | --- | --- | --- | --- | --- |
| **CID** | **Clause** | **PP.LL** | **Comment** | **Proposed Change** | **Resolution** |
| 1516 | 37.10 | 80.31 | Some rules on when NPCA STA should switch back to the BSS primary channel need to be defined | There could be some rules as follows1. NPCA AP on the NPCA primary channel shall be switched back to the BSS primary channel before the duration of OBSS activity that makes the BSS primary channel busy ends2. NPCA non-AP STA(s) on the NPCA primary channel shall be switched back to the BSS primary channel before the NPCA Duration of AP indicated in NPCA ICF or NPCA ICR transmitted by AP ends | **Revised** Agree with the commenter in principle.Added some rules on when NPCA STA need to switch back to the BSS primary channel**TGbn editor, please make the changes tagged by CID 1516 in the document** |
| 251 | 37.10 | 78.15 | There lacks description for the "switch back" condition | Suggest to add the "switch back" condition | **Revised** Agree with the commenter in principle.Added some rules on when NPCA STA need to switch back to the BSS primary channel**TGbn editor, please incorporate the changes tagged by CID 1516 in the document**  |
| 3956 | 37.10 | 78.17 | The rules for switching back from NPCA primary channel to primary channel need to be clarified | As in comment. | **Revised** Agree with the commenter in principle.Added some rules on when NPCA STA need to switch back to the BSS primary channel**TGbn editor, please incorporate the changes tagged by CID 1516 in the document**  |

**Text to be adopted begins here.**

***TGbn editor: Please make the following changes to 802.11bn D0.3 and 25/936r15:***

(#1516)37.10.3 Switching back from the NPCA channel

An NPCA non-AP STA that has switched to the NPCA primary channel should switch back to the BSS primary channel before the expiration of the NPCA\_TIMER if it receives a Trigger frame that does not have the value of NPCA Primary Channel Indication field of Special User Info field equal to 1 from its associated NPCA AP.

**Text to be adopted ends here.**