IEEE P802.11  
Wireless LANs

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| Resolutions to CID 1604 | | | | |
| Date: 2023-06-23 | | | | |
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Abstract

This submission proposes resolutions to the following comments submitted in LB272 under Instance topic. The CIDs are referring to D1.0. The text used as reference is D1.0.

CIDs: 1604

Revision history:

R0: Original version

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| --- | --- | --- | --- | --- |
| **CID** | **Clause** | **Page** | **Comment** | **Proposed change** |
| 1604 | 11.55.1.5.2.2 | 176.64 | What if the TXOP extends outside the sensing availability window as illustrated in Figure 11-74e? shall the TXOP be contained in the sensing availability window and does not extend beyond it? | Specify whether the TXOP may extend outside the sensing availability window or not |

**Proposed resolution**: Revised.

**Discussion**:

1. In Section 11.55.1.5.2.1, we already have the following rule:

All TB sensing measurement instances shall take place within a sensing availability window. Each sensing availability window may consist of one or more TXOPs, and each TXOP may consist of one or more TB sensing measurement instances.

1. During the sensing availability window, the AP and non-AP STAs should only do sensing-related transmission and not any other data transmissions. In 11az we have the following rules regarding ranging in availability windows. We need to add similar rules for 11bf as well.

Within each availability window the RSTA and ISTAs shall not transmit or trigger transmission of any Data frames; they shall only perform ranging activities related to Polling, MeasurementSounding and Measurement Reporting phases, as well as signaling of modification of availabilitywindow parameters; see 11.21.6.5.1 (Availability window parameter modification), and TBranging session termination, see 11.21.6.6.2 (TB ranging and non-TB ranging session termination).

1. Once we add the rules, then it will be clear that the TXOP within an availability window should not exceed the sensing availability window.
2. We had an ad-hoc call with interested members on June 14th and we agreed with the following resolution to this CID.

***TGbf editor, make the following change in D1.0:***

***Add the following paragraph in Section 11.55.1.5.2.1***

A sensing availability window is a period of time during which an AP and one or more STAs are assigned to participate in TB sensing measurement instance(s). All TB sensing measurement instances shall take place within a sensing availability window. Each sensing availability window may consist of one or more TXOPs, and each TXOP may consist of one or more TB sensing measurement instances.

Within each sensing availability window, the sensing initiator and sensing responder(s) should not transmit or trigger transmission of any Data frames and instead should only perform sensing activities related to polling, NDPA sounding, TF sounding, and reporting phases, and if required SBP reporting, see 11.55.2.3 (Reporting).

## SP

Do you support the proposed resolutions to the CIDs and incorporate the text changes into the latest TGbf draft?

Y/N/A