IEEE P802.11  
Wireless LANs

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| IEEE 802.11 TGac Sponsor Ballot 1  SB01 comment resolutions | | | | |
| Date: 10 June 2013 | | | | |
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##### This document contains a proposed resolution for CID 10132.

Revison history:

R0 - initial revision

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| --- | --- | --- | --- | --- |
| **CID** | **Page** | **Clause** | **Comment** | **Proposed Change** |
| 10132 | 372.32 | B.4.23.2 | Static BW operation is mandatory feature and its signaling is carried by non-HT duplicate PPDUs. This inherently suggest that transmission function of non-HT duplicate PPDUs is mandatory for a VHT STA; however, it is not clear whether a VHT STA shall support to transmit non-HT duplicate PPDUs or not. | Add a corresponding row for non-HT duplicate format to PICS (in B.4.23.2) as well as "VHTP2: VHT format". |

**Discussion:**

Agreed.

As described in 4.3.10a (Very High Throughput (VHT) station (STA)), it is one of the mandatory features for a VHT STA to respond to a bandwidth indication (provided by the RXVECTOR parameters CH\_BANDWIDTH\_IN\_NON\_HT and DYN\_BANDWIDTH\_IN\_NON\_HT) in a non-HT and non-HT duplicate RTS frame.

The responding VHT STA shall respond with a CTS frame carried in a non-HT or non-HT duplicate PPDU after a SIFS period as specified in 9.3.2.6 (CTS and DMG CTS procedure).

Therefore, it is appropriate to include the non-HT duplicate format in the PICS.

**Proposed Resolution:**

Revised. <This document> provides proposed change of the text.

**Proposed Text Change:**

At 364.40:

***Insert a row between VHTP2 and VHTP3 in the Table in B.4.23.2 VHT PHY Features:***

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| --- | --- | --- | --- | --- |
| VHTP*x* | Non-HT duplicate format | 22.3.10.12 (Non-HT duplicate transmission) | CF29:M | Yes  No  N/A  |