IEEE P802.11
Wireless LANs

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| Text for Intra-PPDU Power Save for a Multiple BSSID Set Case |
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Abstract

This submission proposes spec text for intra-PPDU power save for a multiple BSSID set case related to 11-16/1204r0.

Revisions:

* Rev 0: Initial version of the document.

***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.***

**Discussion: None.**

**TGax Editor: *make the following changes of clause******25.14.1 (Intra-PPDU power save for HE non-AP STAs)*** *in page 108 of D0.4*

**25.14 Power management**

**25.14.1 Intra-PPDU power save for HE non-AP STAs**

An HE non-AP STA (#1598)has dot11IntraPPDUPowerSaveOptionActivated equal to true operates in intra-

PPDU power save mode.

An HE non-AP STA that is in intra-PPDU power save mode may enter the doze state until the end of a

PPDU currently being received(#2848) when one of the following conditions is met:

* The PPDU is an HE MU PPDU where the RXVECTOR parameter BSS\_COLOR is the BSS color of the BSS with which the STA is associated, the RXVECTOR parameter UL\_FLAG is 0 and the RXVECTOR parameter STA\_ID\_LIST does not include the identifier of the STA or the broadcast identifier(s) intended for the STA.(#Ed)
* The PPDU is an HE MU PPDU, HE SU PPDU or HE extended range SU PPDU and one of the following conditions are true:(#Ed)
	+ The RXVECTOR parameter BSS\_COLOR is the BSS color of the BSS with which the STA is associated and the RXVECTOR parameter UL\_FLAG is 1
	+ The RXVECTOR parameter BSS\_COLOR is the BSS color of the BSS with which the STA is associated, the RXVECTOR parameter UL\_FLAG is 0 and a PHY-RXEND.indication(UnsupportedRate) primitive was received(#194)
* The PPDU is an HE trigger-based PPDU where the RXVECTOR parameter BSS\_COLOR is the BSS color of the BSS with which the STA is associated(#1599)
* The PPDU is a VHT PPDU where(#782) the RXVECTOR parameter PARTIAL\_AID is the BSSID[39:47] of the BSS with which the STA is associated and the RXVECTOR parameter GROUP\_ID is 0.(#Ed)
* The PPDU is a PPDU with(#782):
	+ An A-MPDU including TA or RA equal to either the BSSID of the BSS with which the STA is associated or the BSSID of any BSS of a multiple BSSID set that the STA’s associated BSS belongs to and,
	+ The RA is not the(#Ed) MAC address of the STA