IEEE P802.11
Wireless LANs

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| 802.11 TGac WG Letter Ballot LB187Proposed resolutions to comments 4418, 4671, 4837 |
| Date: 2012-05-10 |
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Abstract

This submission contains proposed comment resolutions to comments received during WG letter ballot 187.

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| 4418 | Brian Hart | 120.24 | 9.25.1 | "(MU) PPDUs" - is unclear. Is this "PPDUs that could be MU PPDUs" or "PPDUs that must be MU PPDUs for reasons that we don't bother to spell out here"? | As in comment | Agree | MAC |
| 4837 | Mark Rison | 121.24 | 9.25.1 | The addition of "(MU)" appears to change the requirements on non-VHT devices, since non-VHT devices do not sent MU PPDUs | Delete the "(MU)" | Reject | MAC |

**Discussion:**

The expression “(MU) PPDUs” means PPDUs that could be MU PPDUs and we should clarify it.

Since “(MU)” does not mean must be MU PPDUs, it will not change the requirements on non-VHT devices. For non-VHT devices or VHT devices that do not want to send MU-PPDUs, they are free to send SU PPDUs. So the addition of "(MU)" will not change the requirements on non-VHT devices.

**Proposed Resolution:**

**TGac editor: Please change section 9.25.1, pg122, ln 24 into:**

The transmission of one or more PPDUs (the RD response burst) by the STA……

Note 1: If the RD responder is a VHT AP, the RD response burst can be MU PPDUs.

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| 4671 | Kaiying Lv | 121.50 | 9.25.4 | In sharing TXOP, the inclusion of secondary AC traffic in an MU PPDU shall not increase the duration of the MU PPDU beyond that required to transport the primary AC traffic. And if MU-MIMO transmissions are allowed in the reverse direction, the same logic will be that the inclusion of STAs traffic other than RD initiator in an MU PPDU shall not increase the duration of the MU PPDU beyond that required to transport the RD initiator's traffic. | change the sentence to "During an RDG, any PPDU transmitted by RD responder shall contain at least one MPDU with an Address1 field that matches the MAC address of the RD initiator, and the inclusion of STAs traffic other than RD initiator in an MU PPDU shall not increase the duration of the MU PPDU beyond that required to transport the RD initiator's traffic" | Agree. | MAC |

**Discussion:**

It makes sense that if RD responder transmits an MU PPDU, the traffic to non RD initiator STAs shall not increase the duration of the traffic to the RD initiator.

**Proposed Resolution:**

**TGac editor: Please change section 9.25.4, pg122, ln 46 into:**

During an RDG, any PPDU transmitted by RD responder shall contain at least one MPDU with an Address1 field that matches the MAC address of the RD initiator, and the inclusion of traffic to STAs other than RD initiator in an MU PPDU shall not increase the duration of the MU PPDU beyond that required to transport the traffic to RD initiator.