IEEE P802.11  
Wireless LANs

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| PHY CR LB291 on CID 9163 And 9165 | | | | |
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Abstract

This submission contains proposed comment resolutions to comments on P802.11bn D1.0. The changes are based on P802.11bn D1.0.

The submission provides resolutions to the following CIDs in the subclause 38.3.15.1

* 9163, 9165

Revisions:

* Rev 0: Initial version of the document.

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| **CID** | **Commenter** | **Clause** | **Page** | **Comment** | **Proposed Change** | **Resolution** |
| 9163 | Wookbong Lee | 38.3.15.1 | 366.01 | Use 'DL non-OFDMA Co-BF transmission' | Replace 'UHR MU PPDU using Co-BF' in L1P366 and 'UHR MU PPDU used for Co-BF transmission' in L46P366 with 'DL non-OFDMA Co-BF transmission' | Revised  Agree to the comment. Proposed different wording of “UHR MU PPDU in DL non-OFDMA Co-BF transmission” and change both P366L1 and P366L6.  Instruction to editor: Apply the changes marked (#9163) in 11-25/1807r0. |
| 9165 | Wookbong Lee | 38.3.15.1 | 366.31 | Use 'DL SU Co-SR transmission' | Replace 'the UHR MU PPDU using Co-SR transmission' with 'DL SU Co-SR transmission' | Revised  Agree to the comment. Proposed different wording by changing “UHR MU PPDU using Co-SR transmission of either mode 1 or mode 2” to “UHR MU PPDU in DL SU Co-SR transmission using either Co-SR mode 1 or mode 2”.  Instruction to editor: Apply the changes marked (#9165) in 11-25/1807r0. |

**Instruction to editor:**

Please apply the changes in the following text to 38.3.15.1.

* Introduction

The UHR preamble consists of pre-UHR modulated fields and UHR modulated fields. The pre-UHR modulated fields for the three UHR PPDU formats are the following:

* L-STF, L-LTF, L-SIG, RL-SIG, and U-SIG fields of a UHR TB PPDU
* L-STF, L-LTF, L-SIG, RL-SIG, U-SIG, and UHR-SIG fields of a UHR MU PPDU
* L-STF, L-LTF, L-SIG, RL-SIG, U-SIG, and ELR-MARK fields of a UHR ELR PPDU

The UHR modulated fields in the preamble for the UHR TB PPDU and UHR MU PPDU formats are the UHR-STF and UHR-LTF fields.

The UHR modulated fields in the preamble for the UHR ELR PPDU format are the UHR-STF, UHR-LTF and ELR-SIG fields.

For a UHR MU PPDU in DL non-OFDMA Co-BF transmission(#9163), the pre-UHR modulated fields are non-beamformed and the UHR modulated fields including the UHR-STF and UHR-LTF fields are beamformed using the same beamforming steering matrix as the Data field.

For a UHR MU PPDU in DL non-OFDMA Co-BF transmission(#9163), the pre-UHR modulated fields shall have identical content across all participating APs and shall be transmitted by all participating APs.

For a UHR STA with operating bandwidth larger than 80 MHz, the pre-UHR modulated field design ensures that a UHR STA is required to process only one 80 MHz frequency subblock of the pre-UHR modulated fields to get all the assignment information for itself. For a UHR PPDU with bandwidth larger than 80 MHz, a UHR STA can get all required information from processing the primary 80 MHz or the 80 MHz in which the STA is operating and does not need to process other 80 MHz frequency subblocks.

The pre-UHR modulated fields (see (#1630)Figure38-18 (Timing boundaries for UHR MU PPDU and UHR TB PPDU fields) and Figure38-19 (Timing boundaries for UHR ELR PPDU fields)) are not transmitted in 20 MHz subchannels in which the preamble is punctured.

For an MU PPDU using Co-SR of mode 1 as defined in 38.3.22.2.1 (Co-SR mode 1), the L-STF, L-LTF, L-SIG and RL-SIG fields shall have identical content across all participating APs and shall be transmitted by all participating APs.

For a UHR MU PPDU using Co-SR of mode 2 as defined in 38.3.22.2.2 (Co-SR mode 2), the L-STF, L-LTF, L-SIG, RL-SIG and U-SIG fields shall have identical content across all participating APs and shall be transmitted by all participating APs.

The U-SIG field of the UHR MU PPDU in DL SU Co-SR transmission using either Co-SR (#9165)mode 1 or mode 2 shall be as defined in Table38.3.15.7.2 (Content).