IEEE P802.11
Wireless LANs

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| CRs on PHY Comments from Initial SA Ballot |
| Date: 2022-02-xx |
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Abstract

This submission proposes resolutions for the following 3 comments from initial SA ballot:

22285,22345,22346

This proposed text changes in this document are based on P802.11be D5.0

Revisions:

* Rev 0: Initial version of the document.

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| **CID** | **Clause** | **Page** | **Comment** | **Proposed Change** | **Resolution** |
| 22285 | 36.1.1 | 667.28 | "Two or more spatial streams (transmit and receive)." does not provide an upper bound on the number of spatial streams, and this silence is creating industry confusion. Yet later, we see that no more than 8SS can ever be signaled | Change to "2, 3, 4, 5, 6, 7 or 8 spatial streams" or "2 to 8 spatial streams" or similar |  REVISED.Agree with the commentator. Instructions to the editor: Please change “Two or more spatial streams” to “2 to 8 spatial streams." |
| 22345 | 36.3.1 | 696.59 | [Lei Zhou] "s" of the PSDU(s) is redundant in the sentence"At the receiver, the PHY preamble is processed to aid in the detection, demodulation, and delivery of the PSDU(s)" and misalign with that in Draft P802.11REVme\_D4.1,subclause 27.3.1, Page 4161, line12 | At the receiver, the PHY preamble is processed to aid in the detection, demodulation, and delivery of the PSDU(s) |  RejectedFor UL MU case, the receiver indeed need to process multiple PSDUs so PSDU(s) is correct. |
| 22346 | 36.3.1 | 696.54 | [Lei Zhou] Description on"This subclause provides the procedure by which PSDUs are converted to and from PPDUs" should align with that in Draft P802.11REVme\_D4.1,subclause 27.3.1, Page 4161, line6 | This subclause provides the procedure by which PSDUs are converted to and from PPDUs transmissions on the wireless medium. | Accepted |

*From REVme D4.1*

Subclause 27.3 (HE PHY) provides the procedure by which PSDUs are converted to and from transmissions on the wireless medium.

During transmission, a PSDU (in the SU case) or one or more PSDUs (in the MU case) are processed (i.e., scrambled and coded) and appended to the PHY preamble to create the PPDU. At the receiver, the PHY preamble is processed to aid in the detection, demodulation, and delivery of the PSDU.

*From 11be D5.0*

This subclause provides the procedure by which PSDUs are converted to and from PPDUs.

During transmission, a PSDU (in the SU case) or one or more PSDUs (in the MU case) are processed (i.e., scrambled and coded) and appended to the PHY preamble to create the PPDU. At the receiver, the PHY preamble is processed to aid in the detection, demodulation, and delivery of the PSDU(s).