IEEE P802.11
Wireless LANs

|  |
| --- |
| **CRs on LDPC** 2708,2709,2700 |
| Date: 2025-05-10 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Rethna Pulikkoonattu | Broadcom Inc | 16340 W Bernardo Dr, San Diego, CA, 92127 |  | rethna@broadcom.com |
|  |  |  |  |  |

Abstract

This submission contains proposed comment resolutions to comments on P802.11bn D0.1. The changes are based on P802.11bn D0.1.

The submission provides resolutions to the following CIDs

* 2700,2708,2709

Revisions:

* Rev 0: Initial version of the document.
* Rev1 further clarification
* Rev2 updated based on comments during presentation

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CID** | **Page** | **Clause** | **Comment** | **Proposed Change** | **Resolution** |
| 2700 | 111.19 | 38.3.6 | LDPC encoding should be consolidated to 38.3.16.1.3.  While this is editorial comment, marking it as technical as I presume people would want to debate this. | Move 38.3.6 under 38.3.16.1.3. | REJECTEDComment has been withdrawn. |
| 2708 | 111.49 | 38.3.6.1 | Fix the ceiling function  | Fix the ceiling function  | ACCEPTEDThis is a duplicate comment as in CID 2266It was an editorial change and that was fixed already in the draft 0.2Note to Editor: No change needed.  |
| 2709 | 111.52 | 38.36.1 | Further clarify that LDPC codeword length of 648, 1296 or 1944 shall not be used when 2xLDPC subfield is set to 0. | Add "Nominal LDPC codeword length of 648, 1296 or 1944 shall not be used if the 2xLDPC subfield in the Trigger frame or the User field of UHR-SIG field is set to 1." | REVISEDThis was addressed by a duplicate CID 963The text and the table look clean in the draft 0.3. Further, there is a note below the PPDU math table which offers clarity. No further explanation seems necessary.Note that the 2xLDPC subfield is defined in the User Info field of the trigger frame and in the User field of UHR-SIG field. The subfield indicates whether the nominal LDPC codeword length of 3888 is used in the PPDU, i.e., it is:— Set to 0 to indicate that the nominal LDPC codeword length of 648, 1296 or 1944 is being used.— Set to 1 to indicate that the nominal LDPC codeword length of 3888 is being used.Note to Editor: No changes needed.  |