IEEE P802.11
Wireless LANs

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| D1.0 CR on CID4574 |
| Date: 2022-03-06 |
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This submission shows

* resolution for a comment received from TGbe comment collection (Based on TGbe Draft D1.0)
* The proposed changes are based on 11be D1.4.

The submission provides resolution to CID 4574.

# Revision Notes

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| R0 | Initial revision |
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## CID 4574

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| --- | --- | --- | --- | --- |
| Page. Line | Clause Number | Comment | Proposed Change | Resolution |
| / | 36.x | For a mathematical notation, usually a dash is not used with a variable. It would be better to change the expressions of N\_SD\_l, D\_TM\_l and D\_TM\_DCM\_l. | Modify N\_SD\_l, D\_TM\_l and D\_TM\_DCM\_l as N\_SD^l, D\_TM^l and D\_TM\_DCM^l, e.g. taking las a superscript of N\_SD, D\_TM and D\_TM\_DCM in the related places of the spec. | RevisedAgreed in principle. Reflect the detailed explanation.**Instructions to the editor****Please make the changes as shown in 11/22-0456r1** |

**Discussion:**

Themeanings ofthe expressions $N\_{SD\\_l}$, $D\_{TM\\_l}$, and $D\_{TM\\_DCM\\_l}$ (appearing in 36.3.13.8 LDPC tone mapper and 36.3.13.9 Segment deparser) are summarized as follows.

* $N\_{SD\\_l}$ is the number of data tones in the portion of *r*-th RU/MRU located in the *l*-th subblock.
* $D\_{TM\\_l}$ is the LDPC tone mapping distance for the portion of *r*-th RU/MRU located in *l*-th subblock if DCM is not applied.
* $D\_{TM\\_DCM\\_l}$ is the LDPC tone mapping distance for the portion of *r*-th RU/MRU located in *l*-th subblock if DCM is applied.

It can be seen that *l* is a variable whichindicates the *l*-th subblock of *r*-th RU/MRU. Usually a variable is not used with a dash. To avoid misleading, $N\_{SD\\_l}$, $D\_{TM\\_l}$, and $D\_{TM\\_DCM\\_l}$ need to be changed to $N\_{SD}^{l}$, $D\_{TM}^{l}$, and $D\_{TM\\_DCM}^{l}$.

**Instructions to the editor:**

Please change $N\_{SD\\_l}$ to $N\_{SD}^{l} $in the following places in TGbe Draft D1.4:

Line 63, Page 637, 1 time

Line 15, Page 638, 1 time

Line 17, Page 638, 2 times

Line 35, Page 638, 1 time

Line 52, Page 638, 1 time

Line 54 — Line 60, Page 638, 9 times

Line 12, Page 639, 1 time

Please change $N\_{SD\\_q}$ to $N\_{SD}^{q} $in the following places in TGbe Draft D1.4:

Line 43, Page 639, 3 times

Line 51, Page 639, 1 time

Please change $D\_{TM\\_l}$ to $D\_{TM}^{l} $in the following places in TGbe Draft D1.4:

Line 48, Page 637, 1 time

Line 17, Page 638, 3 times

Line 20, Page 638, 1 time

Please change $D\_{TM\\_DCM\\_l}$ to $D\_{TM\\_DCM}^{l} $in the following places in TGbe Draft D1.4:

Line 48, Page 637, 1 time

Line 54~60, Page 638, 6 times

Line 62, Page 638, 1 time