IEEE P802.11
Wireless LANs

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| **LB271 Comment Resolutions for Clause 9.4.1.72**  |
| **Date:** 2023-05-02 |
| **Author(s):** |

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| **Name** | **Affiliation** | **Address** | **Phone** | **Email** |
| Dongguk Lim  | LG Electronics | 19, Yangjae-daero 11gil, Seocho-gu, Seoul 137-130, Korea  |   | dongguk.lim@lge.com  |
| Eunsung Park |  | esung.park@lge.com |
| Jinyoung Chun |  | jiny.chun@lge.com |
| Insik Jung |  | insik0618.jung@lge.com |
| Jinsoo Choi |  | js.choi@lge.com |

Abstract

This submission proposes the resolutions for 6 CIDs: 17514, 17501, 17502, 17503, 17504, and 17505.

This resolution based on the 11be D3.1.

Revisions:

* Rev 0: Initial version of the document.

Interpretation of a Motion to Adopt

A motion to approve this submission means that the editing instructions and any changed or added material are actioned in the TGbe D3.1 Draft. This introduction is not part of the adopted material.

***Editing instructions formatted like this are intended to be copied into the TGbe D3.1 Draft (i.e. they are instructions to the 802.11 editor on how to merge the text with the baseline documents).***

***TGbe Editor: Editing instructions preceded by “TGbe Editor” are instructions to the TGbe editor to modify existing material in the TGbe draft. As a result of adopting the changes, the TGbe editor will execute the instructions rather than copy them to the TGbe Draft.***

#### *CID 17514*

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| **CID** | **Clause** | **PP.LL** | **Comment** | **Proposed Change** | **Resolution** |
| 17514 | 9.4.1.72 | 215.13 | Lowercase "information" is misleading: this is not vague data but a specifically defined subfield | Try " If the size of the EHT compressed beamforming report information \*subfield\* is not an integer multiple of 8 bits, up to seven 0s are appended to the end of the \*subfield\* to make \*the field's size\* an integer multiple of 8 bits." | Revised. This term has been used naturally in 802.11Revme. and, it is better to discuss this issue in the 11Revme for the appling the consistent terminology.However, to use the constent wording, it can be modified. Instruction to TGbf Editor: incorporate the changes in https://mentor.ieee.org/802.11/dcn/23/11-23-0671-00-00be-LB271-CR-for-Clause 9.4.1.73.docx |

Discussion:



***TGbe Editor: please modify the text in P217L53 Pof 11be D3.1 as follows***

If the size of the EHT compressed beamforming report information is not an integer multiple of 8 bits, up to seven bits with the value zero are appended to the end of the EHT compressed beamforming report information to make its size an integer multiple of 8 bits

#### *CID 17501*

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| **CID** | **Clause** | **PP.LL** | **Comment** | **Proposed Change** | **Resolution** |
| 17501 | 9.4.1.72 | 215.29 | Missing article | "in the case of a segmented EHT compressed beamforming/CQI report" | Accepted.  |

Discussion:



#### *CID 17502*

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| **CID** | **Clause** | **PP.LL** | **Comment** | **Proposed Change** | **Resolution** |
| 17502 | 9.4.1.72 | 215.46 | There is not a single RU edge and DC tone | Try "generally around the RU edges and the DC tones" | Rejected. The text already uses the word “around” to indicate multiple cases. And, the similar expression is also used in 36.3.2.3 Null subcarriers. So, no further change needs.  |

Discussion:



#### *CID 17503*

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| **CID** | **Clause** | **PP.LL** | **Comment** | **Proposed Change** | **Resolution** |
| 17503 | 9.4.1.72 | 215.50 | Number of \DeltaSNR\_{k,i} is unclear yet there is a plural verb. | Try "No padding is present between the \DeltaSNR\_{k,i} values in the EHT MU Exclusive Beamforming Report field, even if they ..." | Accepted.  |

Discussion:



#### *CID 17504*

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| **CID** | **Clause** | **PP.LL** | **Comment** | **Proposed Change** | **Resolution** |
| 17504 | 9.4.1.72 | 215.53 | AFAIK, a derivation is involved; just a calculation | Try "For each subcarrier included, the value in decibels of the SNR of that subcarrier for each column of relative to the average SNR of the V corresponding spatial stream is computed using Equation (9-2) except that..." | Revised. Although the deviation is obtained by the calculation described in the text, the meaning of “deviation” is different from “value”. So, we don’t need to change it. However, wrong reference for equation should be corrected.  Instruction to TGbf Editor: incorporate the changes in https://mentor.ieee.org/802.11/dcn/23/11-230671-00-00be-LB271-CR-for-Clause 9.4.1.72.docx |

Discussion:



***TGbe Editor: please modify text in P216L62 of 11be D3.1 as follows.***

… For each subcarrier included, the deviation in decibels of the SNR of that subcarrier for each column of $V $relative to the average SNR of the corresponding spatial stream is computed using Equation (9-4) except that …

#### *CID 17505*

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| **CID** | **Clause** | **PP.LL** | **Comment** | **Proposed Change** | **Resolution** |
| 17505 | 9.4.1.72 | 215.64 | Sentence at L60 is an unqualified "subroutine call" to table 9-125, but then sentence at L64 makes a modification/qualification. This mix of unqualified and qualified language is unclear. | Try "The EHT MU Exclusive Beamforming Report field has the structure and order defined in Table 9-125 (HE MU Exclusive Beamforming Report information), wherein, for the EHT MU Exclusive Beamforming Report field, Ns and scidx() are defined in 9.4.1.71 (EHT Compressed Beamforming Report field)." | Accepted.  |

Discussion:

