IEEE P802.11
Wireless LANs

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| CID Resolution – Part X |
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Abstract

This document proposes resolutions for CID 1311, 1313, 1589, 1590 (4), [1].

**CID 1311, 1313**

*Comment:*

*P 274, line 21*

Doesn’t make sense to have a cyclic shift with samples from the beginning of the packet. Replace with zeros

*P 315, line 1*

Doesn’t make sense to have a cyclic shift with samples from the beginning of the packet. Replace with zeros

*Proposed change:*

*P 274, line 21*

Replace second line with 0 for the last values of the frame

*P 315, line 1*

Replace second line with 0 for the last values of the frame

*Resolution:*

Rejected.

*Discussion:*

This will introduce yet another CSD mode. Propose to keep the same CSD definition across the entire spec, hence simplify it."

**CID 1589**

*Comment: p 289, line 21*

"When SC mode EDMG Header-B encoding is performed for channel bonding case, codeword c is repeated by Ncb times. It can lead to fluctuation in frequency domain"

*Proposed change:*

SC EDMG Header B procedure need to be changed to reduce fluctuation in frequency domain

*Resolution:*

Rejected.

*Discussion:*

Codeword C is not just repeated N\_CB times, but it is scrambled applying scrambler defined in 30.5.9.3.2 (starting from all ones seed), similar to MCS1. This protects from the effects mentioned in the comment. So, the bits will not be repeated and will be different after scrambling."

**CID 1590**

*Comment: p 343, line 19*

"When OFDM mode EDMG Header-B encoding is performed for channel bonding case, codeword c is repeated by Ncb times. It can make PAPR problem."

*Proposed change:*

OFDM EDMG Header B procedure need to be changed to reduce PAPR

*Resolution:*

Rejected.

*Discussion:*

Codeword C is not just repeated N\_CB times, but it is scrambled applying scrambler defined in 30.5.9.3.2 (starting from all ones seed), similar to MCS1. This protects from the effects mentioned in the comment. So, the bits will not be repeated and will be different after scrambling."

**SP:**

Do you agree to accept the proposed resolutions for CIDs 1311, 1313, 1589, 1590 in (11-18-0696-00-00ay CID Resolution - Part X)?

**References:**

1. Draft P802.11ay\_D1.0