IEEE P802.11
Wireless LANs

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| Interleaver for HE-SIGA and HE-SIGB  |
| Date: 2017-09-10 |
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Motivation

In clause 28.3.6, the consistent reference for BCC interleaving was applied at L-SIG, RL-SIG, HE-SIG-A, and HE-SIG-B.

But, because the number of available tone for L-SIG and HE-SIG-A (or HE-SIG-B) is 48 and 52, respectively, the same parameters for interleaver (i.e. Ncol, Nrow) cannot be applied to each signal fields. So, it should be corrected.

Proposed updates

Correct the wrong reference for BCC interleaver in subclasue 28.3.6.6 and 28.3.6.7.

***Instruction to the TGax editor: Make the following edits to P802.11ax D1.4.***

At P344L13, modify the sentence as follow

c) BCC interleaver: Interleave as described in ~~17.3.5.7 (Data interleaving)~~ **28.3.11.8 (BCC interleavers).**

At P344L57, modify the sentence as follow

c) BCC interleaver: Interleave the data bits of HE-SIG-A1 and HE-SIG-A3 as described in ~~17.3.5.7(Data interleaving)~~ **28.3.11.8 (BCC interleavers).**

At P345L34, modify the sentence as follow

c) BCC interleaver: Interleave as described in ~~17.3.5.7 (Data interleaving)~~ **28.3.11.8 (BCC interleavers).**

**Strawpoll:**

Do you agree to replace the sentence of subclauses under 28.3.6 in P802.11ax D1.2 as specified in 171237r0 ?

**References:**

1. **IEEE P802.11axTM/D1.4, August 2017.**