IEEE P802.11  
Wireless LANs

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| Some PHY CIDs for D6.0 | | | | |
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Abstract:

This document contains comment resolutions on the following CIDs in draft 6.0:

24091，24185, 24186, 24501.

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| 24091 |  |  |  | Do we really use DCM? As it is likely to allow assigning multiple RUs to a single STA in 802.11be, this scheme seems to be becoming not much attractive. | Delete DCM feature from the draft. | Rejected.  DCM is not related to Multiple RUs to a single STA. DCM is used to enhance the range and multiple RUs are for higher spectrual efficiency. |

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| 24185 | 27.3.11.3 | 550 | 20 | "The equation applies to all contiguous signals up to 160 MHz and non contiguous 80+80  MHz.". Later it specifies that this also applies to cases with preamble puncturing (line 63), which appears inconsistent. | Delete this sentence | Revised:  11ax editor, please see the discussion for instructions of CID 24185 in IEEE 802.11-11-20/0874r3. |
| 24186 | 27.3.11.3 | 551 | 17 | "If the TXVECTOR parameter BEAM\_CHANGE is 0, the time domain representation of the L-STF field shall be as specified in Equation (27-8). The equation applies to all contiguous signals up to 160 MHz and non contiguous 80+80 MHz."  "all contiguous signals" is not correct, since BEAM\_CHANGE is only present for SU and ER SU (See Table 27-1) | Correct | Revised:  See comment resolution of CID 24185 in IEEE 802.11-11-20/0874r3. |

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| 24501 | 27 |  |  | The HE-SIG field content tables should not be in terms of what the TXVECTOR was set to at the transmitter, since this is invisible and irrelevant to the receiver. What matters is that each possible field value means. The resolution to CID 22385 claims this has all been addressed, but there are still issues at 556.50/560.39/564.21 (should be "See..."), 557.36 (should say 0 means periodicity 10, 1 means 20; see TXVECTOR blah), 557.40/562.29/566.48, 560.48, 564.38/565.28/565.53/566.30 | At 557.36 change "B25 is set to 0 if TXVECTOR parameter MIDAMBLE\_PERIODICITY is 10 and set to 1 if TXVECTOR parameter MIDAMBLE\_PERIODICITY is 20." to "B25 is set to 0 for 10 symbol midamble periodicity, to 1 for 20 symbol midamble periodicity. See TXVECTOR parameter MIDAMBLE\_PERIODICITY." and remove the preceding paragap. | Accepted. |

**Discussions for CID 24185:**

Remove “all” from the sentence to avoid the confusion on punctured preamble.

The word “Contiguous” is for 160 MHz.

***TGax Editor: Please make the following changes (changed texts are in red) in the following lines of D6.1:***

***Line 21-22 on page 553; line 18-19 on page 554; line 54-55 on page 554; line 22-23 on page 555.***

The equation applies to ~~all~~ ~~contiguous~~ signals up to contiguous 160 MHz PPDU bandwidth and non contiguous 80+80 MHz PPDU bandwidth.