IEEE P802.11
Wireless LANs

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| D4.0 PHY comment resolution |
| Date: 2011-09-07 |
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Abstract

This document proposes resolution for some PHY comments on Draft 4.0 of TGad.

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| 4001 | 497.00 | 21.4.3.3 | It is unclear whether the CPHY is transmitted with or without Symbol blocking and Guard insertion. | Add a sentence in 21.4.3.3 to detail whether or not symbol blocking and guard insertion are applied in the CPHY. |

Proposed Resolution: Reject

Discussion

From the lack of blocking in the description of the encoding and modulation of the control PHY in 21.4.3.3 the reader should understand that there is no blocking structure.

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| 4060 | 107.00 | 26 | 6.5.9 | There is no requirement for the use of any of the PLME-DBANDxxx primitives in any of the normative requirements text in this draft. | Either specify the protocols for using the PLME DBAND test primitives in the normative text or delete all of the 6.5.9 and 6.5.10 subclauses (the DBAND test primitive definitions), since those primitives aren't used. |

Proposed Resolution: Reject

Reason: In the 802.11mb D10 baseline, the same happens with two other test interfaces: **6.5.5 PLME-DSSSTESTMODE.request and 6.5.6 PLME-DSSSTESTOUTPUT.request**. These test interfaces are not referenced anywhere in the baseline. Therefore, the primitives for the DBand follow the same approach – since these are test interfaces, there is no normative or behavioral impact on the protocol (hence no need to be referenced, but is more an implementation recommendation).

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| 4164 | 582.00 | 10 | L | Provide 3 examples in Annex L of the various 802.11ad PHY frames (i.e. OFDM, SC, CTL) in the time domain including steps for CRC insertions, zero padding, LDPC encoding, training fields, headers, delimiters, etc. | See Comment. |

Proposed Resolution: Reject

Reason: The group doubts the value of adding dozens of pages of text following the detailed encoding and modulations of a set of bits. The reader would find it hard to follow that and detect errors. (This assumes the the text does not contains error, as the original 802.11 text did). A reference model (in e.g. Matlab) can be very useful, if somebody would volunteer to provide it.