IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| LB189 D2.0 comment resolution (PHY –11af comment resolutions) | | | | |
| Date: 2012-11-14 | | | | |
| Author(s): | | | | |
| Name | Company | Address | Phone | email |
| Tevfik Yucek | Qualcomm | 3105 Kifer Road, Santa Clara, CA | 408-2166864 | [tyucek@qca.qualcomm.com](mailto:tyucek@qca.qualcomm.com) |
|  |  |  |  |  |
|  |  |  |  |  |

Abstract

This document contains proposed resolution of some of the comments in LB189 of P802.11af D2.0. Proposed resolutions are based on 802.11af draft text D2.0.

This submission provides resolution to comments 66, 352, and 500.

**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 TGaf Draft. This introduction is not part of the adopted material.

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

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

***Submission Note: Notes to the reader of this submission are not part of the motion to adopt. These notes are there to clarify or provide context.***

# Comments:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CID** | **Page** | **Clause** | **Comment** | **Proposed Change** | **Resolution** |
| 66 | 242.61 | 23.3.8.2.3 | Assuming VHT-SIG-A symbols are BCC encoded with rate R=1/2 and using 108 data subcarriers, then the number of bits in each of the TVHT-SIG-A symbols is 54 bits. Is that true? If yes then TVHT-SIG-A doesn't have the same number of bits as in VHT-SIG-A (24 bits). | clarify | Rejected:  11af has adopted VHT40 frame structure. Hence SIG field is duplicated over each “VHT20” section using 54 tones. Furthermore, 11af uses the same bit-mapping with 11ac. |
| 352 | 242.61 | 23.3.8.2.3 | Assuming VHT-SIG-A symbols are BCC encoded with rate R=1/2 and using 108 data subcarriers, then the number of bits in each of the TVHT-SIG-A symbols is 54 bits. Is that true? If yes then TVHT-SIG-A doesn't have the same number of bits as in VHT-SIG-A (24 bits). | Clarify | Rejected:  11af has adopted VHT40 frame structure. Hence SIG field is duplicated over each “VHT20” section using 54 tones. Furthermore, 11af uses the same bit-mapping with 11ac. |
| 500 | 35.06 | 8.2.3 | Table 8-0a needs update for TVHT, second column heading plus fourth column, PSDUSize and PSDUduration row entries | Second column heading just needs to include TVHT, fourth column mentioned rows need to include references to TVHT Characteristics table. | Rejected:  Table 8-0a is removed from 11ac draft. |

Except in the case of a TDLS off-channel direct-link (which is independently constrained by 10.22.6.3), a STA shall not transmit a PPDU with a TXVECTOR parameter CH\_BANDWIDTH indicating a channel bandwidth that is wider than the BSS operating channel width.