IEEE P802.11
Wireless LANs

|  |
| --- |
| SB2 Clause 22 CIDs |
| Date: 2013-08-29 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Nihar Jindal | Broadcom Corp. |  |  | njindal@broadcom.com |
|  |  |  |  |  |

Abstract

This document proposes resolutions for the following CIDs: 11038, 11039

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **CID** | **Commenter** | **Clause** | **Page** | **Line** | **Comment** | **Proposed Change** | **Resolution** |
| 11038 | Schelstraete, Sigurd | 22.3.8.3.5 | 274 | 21 | The VHT-LTF symbols are not used for demodulation of VHT-SIG-B and Data fields. They are used for channel estmation. | Replace "used for the demodulation of the VHT-SIG-B and Data fields in the PPDU or for channel estimation in an NDP." with "used for channel estimation" | **Discussion:** The commenter is correct that VHT-LTF is used to estimate the channel, but the channel estimate is also used as part of the demodulation process (i.e., for matched filtering). The first sentence of this paragraph already states that “The VHT Long Training field (VHT-LTF) field provides a means for the receiver to estimate the MIMO Channel”, so this information is redundant and is not really needed.**Proposed Resolution:** Revised. On p. 274 line 21-22, delete “that are used for the demodulation of the VHT-SIG-B and Data fields in the PPDU or for channel estimation in an NDP.” |
| 11039 | Schelstraete, Sigurd | 22.3.8.3.6 | 278 | 33 | The maximum PPDU duration from the L-SIG field should be 5.484 msecThis is: (4095 + 3)\*4/3 + 20.See also Table 22-29 | Replace 5.46 ms with 5.484 ms | **Discussion:**The commenter is correct that the max PPDU duration from the L-SIG field is 5.484 msec, not 5.46 msec. This max duration is clearly stated in Table 22-29, and can also be determined by finding the value of TXTIME in Equation (22-24) corresponding to the largest value of Length (4095). **Proposd Resolution:** Accepted.. |