IEEE P802.11
Wireless LANs

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| Resolution for CIDs in 11-22/0074r11 Comments on P802.11bb/D1.0 |
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Abstract

This submission proposes resolutions for CIDs 88 and 219 in 11-22/0074r11 Comments on P802.11bb/D1.0.

***Discussion: Highlighted text preceded by “Discussion” are not to be copied into the TGbb Draft. Such text provides rationale for the proposed changes.***

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| --- | --- | --- | --- | --- | --- | --- |
| CCI | Comment | Page | Subclause | Line | Proposed Change | Resolution |
| 219 | It is not clear whether an LC AP can transmit its own new packet immediately after the retransmission of the transmission from a non-AP LC STA is completed even when the backoff counter of the LC AP is not zero. | 21 | 32.3.2.5 | 24 | Please clarify whether an LC AP may transmit its own new packet immediately after the retransmission of the transmission from a non-AP LC STA is completed without any restriction. If there is any restriction, please specify it. | assigned to Chong to provide new text, Nancy to check |
| 88 | Figure 32-5 shows an example of channel access with the repetition CCA mechanism. In this figure, ACK and IFS are not drawn. Then, the actual procedure of the channel access is unclear.Because the procedure of the repeated signal will cause a delay, does the IFS operation work correctly? | 21 | 32.3.2.5 | 27 | Show the exact procedures to operate correctly. | assigned to Chong: Please, provide updated figure and new description |

***Discussion: The resolution of CCI 219 is proposed as follows:***

***Replace the text of P21L24-26 with the following:***

When the LC AP does not have a packet in its queues to transmit before the end of transmission of the repeated signal, it follows the normal DCF/EDCF procedure when a new packet is due to be transmit. When the LC AP has a packet to transmit while doing the transmission of the repeated signal, it may optionally start the transmission of the new packet immediately after the transmission of the repeated signal.

***Discussion: For CCI 88, Fig. 32-5 is redrawn to provide missing elements such as backoff and acknowledgement as shown below. Regarding the question of delay, the delay caused by the repetition is in ns while the IFS operation is in microseconds. Hence, the delay will not afftect the IFS operation.***



Figure 32-5—An example of channel access with repetition CCA mechanism