IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| CRs on 36.3.20.6 CCA Sensitivity | | | | |
| Date: 2022-07-09 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Lin Yang | Qualcomm |  |  | linyang@qti.qualcomm.com |
| Bin Tian | Qualcomm |  |  |  |
|  |  |  |  |  |

Abstract

This submission contains proposed comment resolutions to comments on P802.11be D2.0. The changes are based on P802.11be D2.0.

The submission provides resolutions to following

* 11304, 12350, 12407, 12932, 13098

Revisions:

* Rev 0: Initial version of the document.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CID** | **Page** | **Clause** | **Comment** | **Proposed Change** | **Resolution** |
| 11304 | 771.25 | 36.3.20.6.3 | Missing word: "CCA sensitivity for occupying the primary 20 MHz channel" should be "CCA sensitivity for signals occupying the primary 20 MHz channel" (see e.g. VHT). Alternatively, title of the section could be "CCA sensitivity for the primary 20 MHz channel" (as in HE) | See comment | REVISED  Agreed with the commentor in principle  **Instruction to the editor:**  Please change "CCA sensitivity for occupying the primary 20 MHz channel” in P771L25 in P802.11be D2.0 to "CCA sensitivity for the primary 20 MHz channel" |
| 12350 | 771.55 | 36.3.20.6.3 | "a value equal to 20 dB above the minimum modulation and coding rate sensitivity (-82 + 20 = -62 dBm) otherwise". There is no good reason for this roundabout way of describing the requirement. The requirement is -62 dBm; it is simpler and better to say so directly. | Change the cited text to "-62 dBm otherwise" | ACCEPTED |
| 12407 | 772.14 | 36.3.20.6.4 | Use subscript for "level" in OBSS\_PDlevel (see correct in line 23) | As in comment. | ACCEPTED |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CID** | **Page** | **Clause** | **Comment** | **Proposed Change** | **Resolution** |
| 12932 | 771.01 | 36.3.20.6.2 | Why are ED rules defined differently from 11ax. Refer to 27.3.20.6 and distinction between preamble puncturing and non puncturig cases. |  | REJECTED  The passed motion on 11be CCA says 11be does not define CCA on secondary channels but only defines per 20MHz check. The new per 20MHz CCA is simplified and more friendly to punctured operation. It is applicabe to both PD and ED check, hence 11be ED is different from 11ax rules. Please refer to 20/1439r3. |
| 13098 | 771.01 | 36.3.20.6.2 | Why are ED rules defined differently from 11ax. Refer to 27.3.20.6 and specify distinction between preamble puncturing and non puncturing cases. | As in comment |