IEEE P802.11
Wireless LANs

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| Editorial Comments Resolution on LB 251 |
| Date: 2021-5-12 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Bahar Sadeghi | Intel |  |  |  |
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Abstract

This submission addresses editorial comments submitted as part of LB 251 on 802.11bd D1.0.

There were 341 comments submitted on D1.0 marked “Editorial”

* 299 are resolved as captured in database 11-20/1887r2 and implemented in D1.1
	+ except CIDs 1402, 1002, 1130, 1345, 1367 which are fully editorial and will be implemented before D2.0 publication
* 42 comments are discussed here.
	+ Group input is needed for majority (32) of them.

Revisions:

R1: updated to capture the discussions conducted during TGbd conf call on 12/08/2020:

* Resolved: 11
* Reassigned:
	+ Bo: 7
	+ Liwen: 5
	+ Joe: 1
	+ Bahar: 2
	+ Rui: 1
* Figure Editorials to be taken care of: 12
* Open: 3

R2: updated to capture the latest status, and update the resolution of the following remaining CIDs:

1278, 1336, 1636, 1639, 1575, 1366, 1646, 1533, 1117, 1535, 1814, 1682, 1327,

* Figure Editorials to be taken care of: 12 – fully editorial - Accept
* CIDs 1691 and 1514 Resolved.
* 1278 updated per discussions on TGbd conf call

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| --- | --- | --- | --- | --- | --- |
| **CID** | **Page.line** | **Clause** | **Comment** | **Proposed Change** | **Resolution** |
| 1459 |  | C.3 | MIB should use sexkess quotes | As it says in the comment | Discussion: comment not clear:1. Does it mean the type of quotation marks used?
2. Cannit identify where the right quotation mark is not used.

-no input from groupTo be handled with MIB comments – reassigned to Bahar |
| 1456 |  |  | "spectrum mask" should be "spectral mask" | As it says in the comment | Reject.Equivalent occurances in the baseline are “spectrum mask” and not “spectral mask” |
| 1451 |  | C.3 | All the MIB attributes should follow the baseline pattern, e.g. for control variables say when it takes effect, etc. | As it says in the comment | To be addressed as part of MIB comments (assigned to Bahar)reassigned to Bahar |
| 16911514 |  |  | The PAR title is "Enhancements for Next Generation V2X" and the title of this draft is "Enhancements for Next Generation Vehicular Communication". They should be the same. | Harmonize the PAR and draft titles | Discussion: Which one to change?Can be discussed as part of renaming NGVProposal: Enhanced Vehicular Communication EVC-discuss w/ similar comments-changing title of document to PAR is the easy option as we have control over it. PAR update will take until May the earliest and can’t do SA ballot before that.-need an agenda item on title discussion and make a decision- Bahar to prepare material on the topic for the group to review.-Another item that may be included is amendemnet numbering (order) based on timeline |
| 1016 | 17.48 | 4 | Acronym for multiple spatial streams seems incorrect (SU MIMO). Please fix inconsistency. | As in comment. | Discussion: two way to resolve:-remove (SU-MIMO)-replace multiple spatial stream w/ single user MIMORevised.Editor has noticed that in other examples in baseline spatial stream is referred to. So option 1 is chosen. |
| 1012 | 17.14 | 4 | Broken reference (mentions DMG). please fix it. | As in comment. | Reject |
| 1102 | 17.57 | 4.3.17a | possible missing phrase. Sentence ends with "improve coexistence with 10 MHZ' | Sentence should end with "improve coexistence with 10 MHz non-NGV STAs? | Discussion: What would be the best phrasing? Not sure if 10 MHz non-NGV STA is defined? Or is it Clear? Maybe change to 10 MHz transmissions by non-NGV STAs?Group inputRevised.Changed to “… with the 10 MHz channel access mechanism” |
| 1550 | 19.30 | 5.2.3.2 | Three changes are suggested in this line; change "control" to "configure," change "encoding" to "MCS," and add "PPDU" as shown "The radio environment request vector contains information that allows higher layer entities to configure the PPDU format, MCS, and MPDU handling for NGV transmission." | As in the comment. | Revise.Discussion: Agree with 1st change, i.e., control to configure. However, not sure if the other two changes are accurate. Need groups opinion(editorial change, the first has been made but not others)Reassigned to Liwen |
| 1551 | 20.24 | 5.2.5.2 | Three changes are suggested in this line; change "indicate" to "configure," change "encoding" to "MCS," and add "PPDU" as shown "The radio environment request vector (see Clause 5.3.1 (Radio Environment Request Vector)) allows the higher-layer entities to configure the PPDU format, MCS, and MPDU handling for NGV transmission." | As in the comment. | CID 1205 harmonized the two text. So this one does not apply anymore?Reassigned to Liwen |
| 1275 | 20.20 | 5.3 | The radio environment vector parameters should be described in the clauses that use the vectors. | Delete clause 5.3, move any desired content into the clauses where the radio environment vector primitives are described. | Discussion needed.If agreed, clear instruction or a contribution is needed for editor to implement.Accept. |
| 1276 | 20.32 | 5.3 | The radio environment request vector, should not be it own sub-clause in clause 5. All parameters of the primitive are described in the sub-clause of the service primitive they are where they are first introduced and then referenced in other primitive sub-clauses that also use them. | Move the definition of the radio environment request vector to clause 5.2.3.2 and then reference the definition in clause 5.2.5.2. | Discussion needed.If agreed, clear instruction or a contribution is needed for editor to implement.Accept. |
| 1277 | 21.6 | 5.3.2 | The radio environment status vector, should not be it own sub-clause in clause 5. All parameters of the primitive are described in the sub-clause of the service primitive they are where they are first introduced and then referenced in other primitive sub-clauses that also use them. | Move the definition of the radio environment status vector to clause 5.2.4.2, | Discussion needed.If agreed, clear instruction or a contribution is needed for editor to implement.Accept. |
| 1278 | 21.21 | 5.4 | If the MA-RADIOENVIROMENT.indication is a new service primitive between the LLC layer and the MAC layer similar to the MA-UNITDATA primitive, it should be defined in the MAC data service specification clause, not in a new clause. If it is new type of primitive between the MAC layer and an other layer (e.g. a 1609 layer) it should be clearly stated as to the purpose of the primitive and its use. | Move the clause to be in clause 5.2 or fully define the use of the primitive as the 5.2 primitives are defined in clause 5.2.1. | Reject.The comment is valid, but there is not enough information in the comment for it to be resolved.  |
| 1106 | 20.62 | 5.3.1 | Not clear what " The primary channel is not used for channel switch." means. | When the channel width indicates 20 MHz, the primary channel parameter indicates the OCB primary channel. The primary channel parameter is not used to initiate channel switching?. Please clarify if this is what is meant. | Need group input. Reassign to LiwenPossibly can be part of the NOTE below.Reassigned to Liwen |
| 1108 | 21.34 | 5.4.1 | grammar issue with "This primitive provides status information on the state of the proximate radio environment. | did you mean "This primitive provides status information on an estimate of the state of the radio environment? Please clarify. | Need group input.Reassigned to Liwen-the sentence is ok. |
| 1336 | 33.21 | 17.3.5.5 | Please change the blue color of the text in the figure to black. | Please change the blue color of the text in the figure to black. | ACCEPT  |
| 1558 | 33.60 | 17.3.5.5. | CBW80 is not applicable to NGV PHY. | Only one bit (0 or 1) is needed to represent CH\_BANDWIDTH in the NGV PHY, so need to be specific which bit (B5 or B6) to set for clarity. | The description is generic and the example provided is simply not applicable to NGV.Revised-or separate the sentence related to NGV, i.e., * “CH\_BANDWIDTH\_IN\_NON\_NGV is transmitted LSB first.”
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| 1561 | 33.51 | 17.3.5.5. | "DYN\_BANDWIDTH\_IN\_NON\_NGV" associated with Table 17-10 should be "DYN\_BANDWIDTH\_IN\_NON\_HT." | As in the comment. | Reassigned to Bo |
| 1151 | 33.52 | 17.3.5.5. | Table 17-10 is "DYN\_BANDWIDTH\_IN\_NON\_HT values" in baseline | Modify "DYN\_BANDWIDTH\_IN\_NON\_NGV values" to "DYN\_BANDWIDTH\_IN\_NON\_HT" | Reassigned to Bo |
| 1150 | 33.53 | 17.3.5.5. | Table number is mismatched with P35L58 | Align the Table number | Reassigned to Bo |
| 1620 | 34.51 | 17.3.5.5. | Reference to Table 17-9 reads: (see Table 17-9 (RXVECTOR parameter CH\_BANDWIDTH\_IN\_NON\_NGV values) | Replace Reference to Table 17-9 with following text: (see Table 17-9 (RXVECTOR parameter CH\_BANDWIDTH\_IN\_NON\_HT values) | Reassigned to Bo |
| 1564 | 35.58 | 17.3.5.5 | "Table 17-10b" should be "Table 17-10a." | As in the comment. | Reassigned to Bo |
| 1563 | 35.33 | 17.3.5.5 | Add "and Table 17-10a (DYN\_BANDWIDTH\_IN\_NON\_NG values)" at the end of "Table 17-7 (Contents of the first 7 bits of the scrambling sequence)." | As in the comment. | Reassigned to Bo |
| 1562 | 35.27 | 17.3.5.5 | "DYN\_BANDWIDTH\_IN\_NON\_NGV shall be ..." appears twice in the same paragraph. The first appearance should be CH\_BANDWIDTH\_IN\_NON\_NGV based on the context (Table 17-9a). | As in the comment. | Reassigned to Bo |
| 1040 | 39.39 | 31.2.3 | In other places of the standard phrases like "buffer size of <NUMBER>" seem to be accompanied by units (octets? Bits? Etc) | Add unit | Reassigned to JoeAgree in principle, need to change the sentence to indicate“A BA buffer capable of holding 32 MPDUs.” |
| 1567 | 40.22 | 31.2.5 | Incomplete sentence "... which CCA on secondary 10 MHz channel has been idle and that is less than." | Please clarify. | Reassigned to Liwen |
| 1569 | 42.8 | 31.1.2 | Can an NGV STA receive data from more than one STA? | Depending on the clarification, may need to split the sentence "... transmitting and receiving data ....one or more STAs" to handle the transmit and the receive statement separately. | RejectDoes not imply simultaneous reception |
| 1633 | 45.41 | 32.2.2 | In REVmd D5.0, 11ax, 11ay, 11az the parameter "NUM\_SS" is defined as "NUM\_STS". Hence replace all occurences of "NUM\_SS" with "NUM\_STS" | As in comment | Reject11bd does not support STBC and hence SS. In 11be is the same and uses SS. |
| 1636 | 48.21 | 32.2.5.1 | Typo in Figure 32-1 "NON\_NGV\_MODULCATION" | Corrrect typo | ACCEPT |
| 1639 | 49.3 | 32.2.5.1 | Figure 32-3, add missing hyphen in "PHY CCAREST.request". | As in comment | ACCEPT |
| 1575 | 49.1 | 32.2.5.1 | Should the arrows in the confirm path be upward? | As in comment | ACCEPT |
| 1576 | 50.50 | 32.3.4.2 | Threre is only one frequenct segment in NGV. The phrase "... each ... frequency segment ..." doesn't apply. There are several same incidents throughtout this document. | As in the comment. | Need group inputReassigned to Rui |
| 13661646 | 51.63 | 32.3.2 | Unreadable figure (32-5) | Replace figure with a proper one | ACCEPT - Editor to 1) make the font bigger in the **figure** source and 2) change use to “micro second” |
| 1533 | 53 | 32.3.3 | Change "Duplicate over 2 10 MHz ..." to "Duplicate over two 10 MHz ..." in Figure 32-6. | As in comment | ACCEPT |
| 1117 | 53 | 32.3.3 | in the first CSD per chain block in Fig 32.6 the block does not appear | check the lines in the block of CSD per chain | ACCEPT |
| 1535 | 54.54 | 32.3.3 | Change "CSD per STS" to "CSD per SS" in Figure 32-8. | As in comment | ACCEPT |
| 1814 | 60.24 | 32.3.7.3 | Visibility of Fig 32-9 is not good. | font size should be increase to make it readable | ACCEPT |
| 1580 | 70.24 | 32.3.8.3.6 | There is an extra 0 at the beginning of this line. | As in the comment. | Accept. |
| 1682 | 84.9 | 32.3.12 | Fig 32-13, reads in the MAC section "PHY-TXSTART.con" and "PHY-TXEND.reque", which is cropped. | Extend croppiing area of Fig 32-13 so that "PHY-TXSTART.con" and "PHY-TXEND.reque" read "PHY-TXSTART.conirm" and "PHY-TXEND.request" | ACCEPT |
| 1327 | 87.7 | 32.3.13 | There is a note "NOTE 1--This state machine does not describe theoperation of optional features, such as SU MIMO." in Figure 32-16 but it is not shown in Figure 32-14 even though the same applies. | Add "NOTE--This state machine does not describe the operation of optional features, such as SU MIMO." to Figure 32-14, and replace "NOTE 1" with "NOTE" in Figure 32-16. | ACCEPT Note to editor: * Add the note
* Change SU MIMO to SU-MIMO
* Change NOTE 1 to NOTE

Handle w/ the **figure** comments |
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