IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| CC36 CR for SPATIAL\_REUSE and BEAMFORMED in TXVECTOR and RXVECTOR | | | | |
| Date: 2021.12.06 | | | | |
| Author(s): | | | | |
| Name | Company | Address | Phone | email |
| Mengshi Hu | Huawei Technologies | F3-6-A118, Huawei Base, Bantian, Longgang, Shenzhen, Guangdong, China, 518129 |  | humengshi@huawei.com |
| Ross Yu |  |  |  |
| Ming Gan |  |  |  |
| Shimi Shilo |  |  |  |

Abstract

This submission contains proposed 7 comment resolutions for the comments on P802.11be D1.0.

CIDs: **4534, 5460, 6781, 6923, 7124, 7989,** **7653**

**Revision Notes**

|  |  |
| --- | --- |
| R0 | Initial revision |

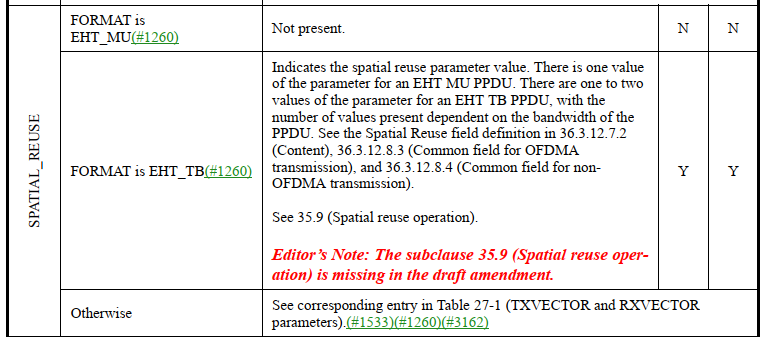
# CIDs related to SPATIAL\_REUSE

## CID 4534

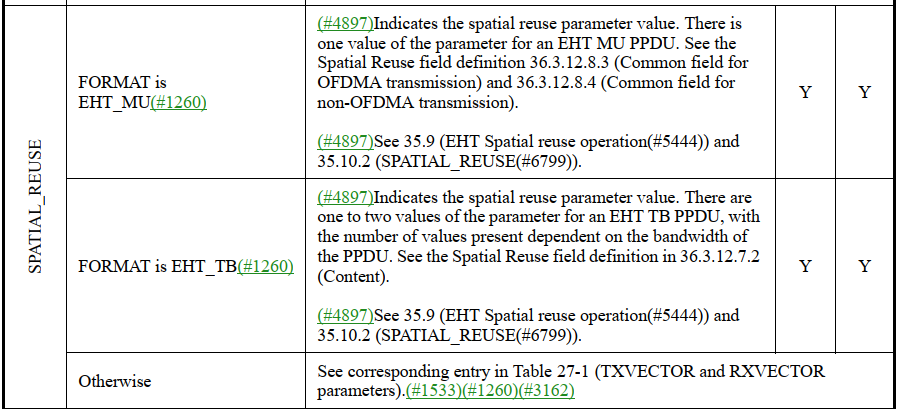
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Page.  Line | Clause Number | Comment | Proposed Change | Resolution |
| 325.39 | 36.2.2 | Spatial\_REUSE need to be updated. It presents in the EHT\_MU format | as in the comment. | REVISED  Note to the Editor: The proposed changes have been reflected in Draft 1.3.  No further changes are needed. |

Discussion：

Text in Draft 1.0:



Text in Draft 1.3:

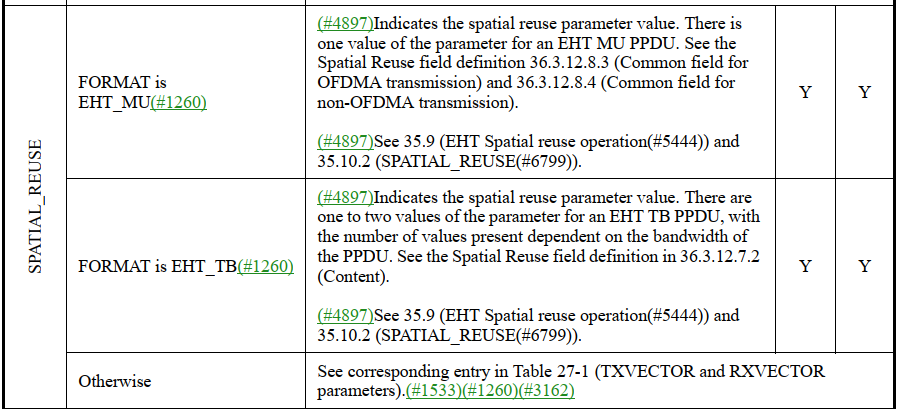


Discussion ends.

## CID 5460

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Page.  Line | Clause Number | Comment | Proposed Change | Resolution |
| 325.53 | 36.2.2 | Correct the reference, include both HE and EHT spatial reuse as reference. Correct the format. EHT MU and EHT TB both have spatail reuse TXVECTOR and RXVECTOR | as in comment | REVISED  For the EHT spatial reuse, the reference has been incorporated in Draft 1.3.  For the HE spatial reuse,  the references are already included in 36.3.12.8.3 and 36.3.12.8.4. Readers would refer to these two subclauses for details.  Note to the Editor: The proposed changes have been reflected in Draft 1.3.  No further changes are needed. |

Discussion：



Discussion ends.

## CID 6781

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Page.  Line | Clause Number | Comment | Proposed Change | Resolution |
| 325.39 | 36.2.2 | TXVECTOR and RXVECTOR parameter SPATIAL\_REUSE needs to be defined for EHT MU PPDU, since this field is defined in EHT SIG Common Info field - see Table 36-33 (Common field for OFDMA transmission) and Table 36-36 (Common field for non-OFDMA transmission to a single user and non-OFDMA transmission to multiple users) | Include definition similar to the HE case (27.2.2) | REVISED  Note to the Editor: The proposed changes have been reflected in Draft 1.3.  No further changes are needed. |

## CID 6923

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Page.  Line | Clause Number | Comment | Proposed Change | Resolution |
| 325.42 | 36.2.2 | The description for Value with condition on "FORMAT is EHT\_TB" has a sentence "There is one value of the parameter for an EHT MU PPDU." But, the description for Value with condition on "FORMAT is EHT\_MU" is "Not present.". This is very confusing | If "SPATIAL\_REUSE" may have value when FORMAT is EHT\_MU, replace "Not present" to "Indicates the spatial reuse parameter value. There is one value of the parameter for an EHT MU PPDU." | REVISED  Note to the Editor: The proposed changes have been reflected in Draft 1.3.  No further changes are needed. |

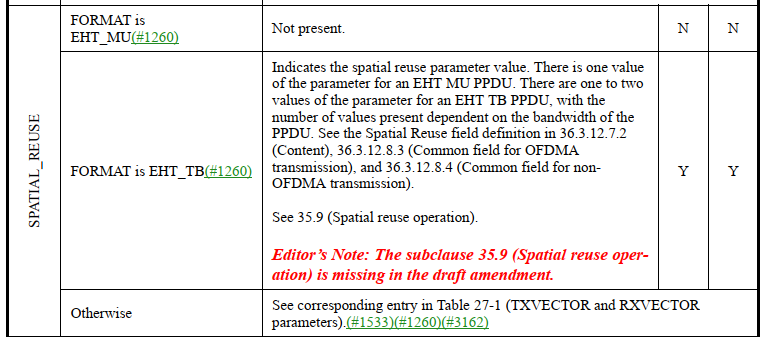
## CID 7124

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Page.  Line | Clause Number | Comment | Proposed Change | Resolution |
| 325.42 | 36.2.2 | SPATIAL\_REUSE shows "Not Present" for EHT\_MU. Yet, the text for EHT\_TB includes the sentence "There is one value of the parameter for an EHT MU PPDU.". What is the meaning of this? | Clarify | REVISED  Note to the Editor: The proposed changes have been reflected in Draft 1.3.  No further changes are needed. |

## CID 7989

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Page.  Line | Clause Number | Comment | Proposed Change | Resolution |
| 325.52 | 36.2.2 | Delete reference to non-existing subclause. | Delete "See 35.9." and the subsequent Editor's Note. | REVISED  Note to the Editor: The proposed changes have been reflected in Draft 1.3.  No further changes are needed. |

Discussion:



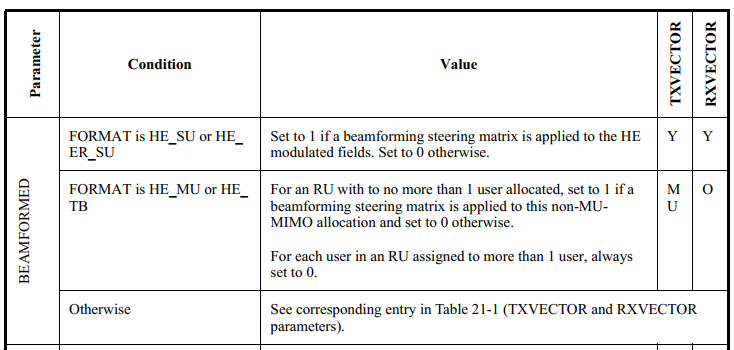
Discussion ends.

# CIDs related to BEAMFORMED

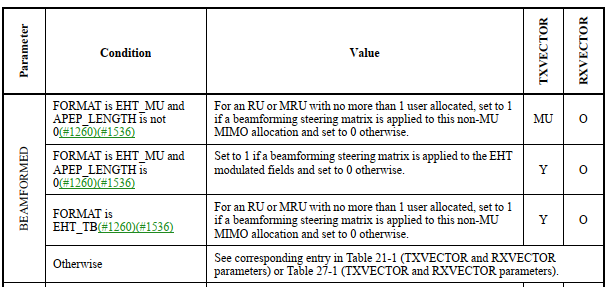
## CID 7653

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Page.  Line | Clause Number | Comment | Proposed Change | Resolution |
| 326.56 | 36.2.2 | Clarify whether BEAMFORMED = 1 is allowed in EHT TB PPDU. | See comment. | REJECTED  BEAMFORMED = 1 is allowed for an EHT TB PPDU, according to the content shown in the parameter BEAMFORMED in Table 36-1 of P802.11be D1.3, which is also consistent with the same parameter in IEEE 802.11ax-2021.  Note: This comment is rejected since it does not result in a change to the draft. |

Discussion:

BEAMFORMED in 11ax:

BEAMFORMED in 11be (Draft 1.3):



Discussion ends.