IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| LB276 CR for CIDs on SR2SR Variant | | | | |
| Date: 2023-10-09 | | | | |
| Author(s): | | | | |
| Name | Company | Address | Phone | email |
| Dong Wei | NXP |  |  | dong.wei@nxp.com |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

Abstract

This document aims to resolve the following LB276 comments: CIDs 3177, 3178, 3196, 3197, 3215, 3317, 3319, 3338, 3493, and 3543.

R0: Initial version

R1: Revision to the resolutions of CIDs 3196, 3197, 3319, and 3338

R2: Incorrectly uploaded file

R3: Remove CID 3338

R4: Remove CID 3178

##### ****CID 3177****

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CID** | **Clause** | **Page** | **Comment** | **Proposed Change** | **Resolution** |
| 3177 | 11.55.1.5.2.5 | 151.06 | Change the text "The SR2SR NDP may be transmitted with more than one spatial stream. " to | The SR2SR NDP may be assigned to transmit with more than one spatial stream. | Accepted |



##### ****CIDs 3196, 3197****

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CID** | **Clause** | **Page** | **Comment** | **Proposed Change** | **Resolution** |
| 3196 | 9.3.1.22.14.6 | 40.23 | It is better to rephrase the The TX/RX field in the Transmitter User Info field is set to 0 to indicate the sensing responder as SR2SR NDP transmitter. | as in comment | Rejected.  According the previous centence, the role of the sensing responder has already been indicated. Therefore, it is unnecessary to include another indication. |
| 3197 | 9.3.1.22.14.6 | 40.55 | It is better to rephrase the The TX/RX field in the Transmitter User Info field is set to 1 to indicate the sensing responder as SR2SR NDP receiver. | as in comment | Rejected.  According the previous centence, the role of the sensing responder has already been indicated. Therefore, it is unnecessary to include another indication. |

##### ****CID 3215****

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CID** | **Clause** | **Page** | **Comment** | **Proposed Change** | **Resolution** |
| 3215 | 11.55.1.5.2.1 | 144.46 | Both of SR2SI variant and SR2SR variant co-exist in one TF sounding phase ? Either of SR2SI variant or SR2SR variant is allowed in one TF sounding phase ? It may be helpful if we have NOTE like for reporting phase (line 55). | As in comment | Revised  Incorporate the changes in <https://mentor.ieee.org/802.11/dcn/23/11-23-1633-04-00bf-LB276-CR-for-CIDs-on-SR2SR-Variant.docx> |

*TGbf Editor: Please revise the paragraph starting at P144L46 of Clause 11.55.1.5.2.5 (TF sounding phase - SR2SR variant) of D2.0 as follows.*

The TF sounding phase has two variants: the SR2SI variant, as described in 11.55.1.5.2.4 (TF sounding phase - SR2SI variant), and the SR2SR variant, as described in 11.55.1.5.2.5 (TF sounding phase - SR2SR variant). The TF sounding phase may contain the SR2SI variant, the SR2SR variant, or both.

##### ****CID 3317****

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CID** | **Clause** | **Page** | **Comment** | **Proposed Change** | **Resolution** |
| 3317 | 11.55.1.5.2.1 | 144.59 | The paragraph is redundant. Since P144L46 has already stated a TF sounding phase may be a SR2SR variant, and how to perform measurement is described in 11.55.1.5.2.5 (TF sounding phase - SR2SR variant). | Remove this paragraph. | Accepted |

##### ****CID 3319****

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CID** | **Clause** | **Page** | **Comment** | **Proposed Change** | **Resolution** |
| 3319 | 11.55.1.5.2.5 | 152.12 | Similar to 11.55.1.5.2.4 TF sounding phase - SR2SI variant, multiple SR2SR Sounding TFs may exist. E.g., TF1 to TX1 and RX1, TF2 to TX2 and RX2. | Add the following: An AP may perform the frame exchange of transmitting an SR2R Sounding Trigger frame and soliciting the SR2SR NDP transmission multiple times during the TF sounding phase. | Revised.  Incorporate the changes in <https://mentor.ieee.org/802.11/dcn/23/11-23-1633-04-00bf-LB276-CR-for-CIDs-on-SR2SR-Variant.docx> |

*TGbf Editor:  Please add the following paragraph at P152L12 of Clause 11.55.1.5.2.5 (TF sounding phase - SR2SR variant) of D2.0 as follows.*

An AP may transmit multiple SR2SR Sounding Trigger frames in a TF sounding phase.



##### ****CID 3493****

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CID** | **Clause** | **Page** | **Comment** | **Proposed Change** | **Resolution** |
| 3493 | 11.55.1.5.2.5 | 150.31 | NDP name is not accurate | Change "to solicit NDP transmission" to "to solicit SR2SR NDP transmission" | Accepted |

##### ****CID 3543****

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CID** | **Clause** | **Page** | **Comment** | **Proposed Change** | **Resolution** |
| 3543 | 11.55.1.5.2.5 | 151.52 | In the paragraph "The SR2SR Rep field in the Transmitter User Info field within the Sensing Sounding Trigger frame shall....." | "sensing" sounding trigger frame should be "SR2SR" sounding triger frame | Accepted |

**SP:** Do you agree to the resolutions provided in the document 11-23/1633r3for the following CIDs: 3177, 3196, 3197, 3215, 3317, 3319, 3493, and 3543?