IEEE P802.11
Wireless LANs

|  |
| --- |
| CC40 CR for Topic Instance – Part 1 |
| Date: 2022.09.15 |
| Author(s): |
| Name | Company | Address | Phone | email |
| Mengshi Hu | Huawei Technologies | H3, Huawei Base, Bantian, Longgang, Shenzhen, Guangdong, China, 518129 |  | humengshi@huawei.com |
| Rui Du |  |  |  |
| Narengerile |  |  |  |
| Xiandong Dong | Xiaomi |  |  |  |
| Ali Raissinia | Qualcomm |  |  |  |

Abstract

This submission contains the proposed comment resolutions for the following 11 CIDs in the Topic “Instance” shown in 22/0820 IEEE 802.11bf CC40 comments.

CIDs 553, 555, 556, 813

Revision Notes

|  |  |
| --- | --- |
| R0 | Initial version |
| R1 | - |
| R1 | - |
| R2 | Remove the CIDs related to the aggregated reporting in r4. |

## CID 553, 555, 556, 813

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Page.Line | Clause Number | Comment | Proposed Change | Resolution |
| 70.33**(CID 553)** | 11.21.18.6.4 | In the sensing procedure, the negotiation does not exist. So, the text" When negociated" should be modified with other text. | Change " When negotiated " with " after the sensing measurement setup phase". | REVISED.“When negotiated” has been changed into “In the basic reporting phase” in 802.11 bf Draft 0.3 (#199, #282). Note to the Editor: No further changes are needed. |
| 70.38**(CID 555)** | 11.21.18.6.4 | In the sensing procedure, the negotiation does not exist. So, the text" When negociated" should be modified with other text. | Change " When negotiated " with " after the sensing measurement setup phase". | REVISED.“Negotiated” has been changed into “assigned” in 802.11 bf Draft 0.3 (22/930r4). Note to the Editor: No further changes are needed. |
| 70.40**(CID 556)** | 11.21.18.6.4 | In the sensing procedure, the negotiation does not exist. So, the text" When negociated" should be modified with other text. | Change " When negotiated " with " after the sensing measurement setup phase". | REVISED.“Negotiated” has been changed into “assigned” in 802.11 bf Draft 0.3 (22/930r4). Note to the Editor: No further changes are needed. |
| 70.25**(CID 813)** | 11.21.18.6.4 | Why "last phase" when the Reporting phase is not required. | Please clarify. | REVISED.“If present” is added to the sentence to avoid the case that the Reporting phase is not required. This has been reflected in 11bf Draft 0.3 (#167).Note to the Editor: No further changes are needed. |

Discussion:

**The text in Draft 0.3 is shown below:**

If present, the basic reporting phase shall be the last phase of a TB sensing measurement instance (#167).

For a sensing responder which is a sensing receiver, the reporting phase shall be present in a TB sensing measurement instance if the Sensing Measurement Report subfield within the Sensing Measurement Setup Request frame is set to 1(#199, #92, #625). In this case, sensing measurement results obtained in a TB sensing measurement instance shall be reported during the reporting phase and the transmission of Sensing Mea surement Report frame shall be conveyed to the STA by the MLME primitive MLME-SENSTBREPORTRQ.request (#92, #195, #625). The sensing measurement reporting may be either immediate or delayed (#92, #195, #625).

In the basic reporting phase (#199, #282), the sensing initiator shall send a Sensing Report Trigger frame (#401, #464, #196) assigning RUs to one or more sensing receivers in order to obtain a Sensing Measurement Report frame containing sensing measurement results (#195, #625). The sensing receiver(s) shall provide a Sensing Measurement Report frame in the assigned RUs with either results obtained from the SI2SR NDP of the current measurement instance when assigned to deliver immediate feedback reporting, or results obtained from the SI2SR NDP of the previous measurement instance when assigned to deliver delayed feedback reporting (#92, #195, #625).

For delayed reporting, sensing measurement reports of multiple sensing measurement setups of a sensing responder may be included in a single Sensing Measurement Report frame. When negotiated, the sensing initiator may assign RUs to obtain more than one sensing measurement report in a single Sensing Measurement Report frame. A sensing responder may optionally transmit more than one delayed measurement results during the assigned RUs sent by the sensing initiator in the Sensing Report Trigger frame (#465, #196).

**The text in Draft 0.1 is shown below:**

The last phase of a TB sensing measurement instance is the reporting phase. In the reporting phase of a TB sensing measurement instance, sensing measurement results are reported.

The transmission of Sensing Measurement Report frame is initiated by an MLME primitive. The sensing measurement reporting can be either immediate or delayed.

**When negotiated (related to CID 553)**, the sensing transmitter which is a sensing initiator shall send a Sensing Trigger Report frame during the reporting phase and assign RUs to the sensing receiver which is a sensing responder to obtain a Sensing Measurement Report frame containing sensing measurement results. The sensing receiver which is a sensing responder shall provide a Sensing Measurement Report frame in the assigned RUs with either results obtained from the I2R NDP of the current measurement instance, **when negotiated** **(related to CID 555)** to deliver immediate feedback reporting, or results obtained from the I2R NDP of the previous measurement instance, **when negotiated (related to CID 556)** to deliver delayed feedback reporting.

For delayed reporting, sensing measurement reports of multiple sensing measurement setups of a sensing responder may be included in a single Sensing Measurement Report frame. **When negotiated**, the sensing initiator may assign RUs to obtain more than one sensing measurement report in a single Sensing Measurement Report frame. A sensing responder may optionally transmit more than one delayed measurement results during the assigned RUs sent by the sensing initiator in the Sensing Trigger Report frame.

Discussion ends.