IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| CC40 CR for CIDs 7, 470, and 509 | | | | |
| Date: 2022.07.26 | | | | |
| Author(s): | | | | |
| Name | Company | Address | Phone | email |
| Rui Du | Huawei Technologies | H3, Huawei Base, Shenzhen, Guangdong, China, 518129 |  | Ray.du@huawei.com |
| Narengerile |  |  |  |
| Mengshi Hu |  |  |  |

Abstract

This submission contains the proposed comment resolutions for the CIDs 7, 470, and 509.

R0: initial document

R1: revise the length of Sensing Measurement Report Type subfield to 3 bits.

R2: fix some problems.

## CID 7, 470, 509.

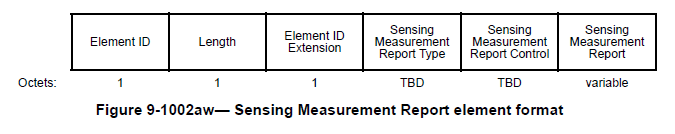
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| CID | Page.  Line | Clause Number | Comment | Proposed Change | Resolution |
| 7 | 33.45 | 9.4.2.317 | Measurement report type, field needs to define the sensing measurment report types that need to be used in 11bf. | Measurement report type' needs to include different CSI reports that are agreed upon to be indicated as the measurement report type. | REVISED.  The group agreed that CSI is the only measurement report type in 11bf.  Table 9-401s has been referenced as the definition of Sensing Measurement Report Type subfield.  TGbf Editor make changes specified in 22/1206r3. |
| 470 | 33.23 | 9.4.2.317 | CSI Feedback Support is missing | Create 1 bit CSI Feedback Support parameter subfield in Figure 9-1002av | REJECTED.  Sensing Measurement Report field can indicate it. |
| 509 | 33.29 | 9.4.2.317 | In Figure 9-1002av, the size of Measurement Report Type is TBD. Define the report type and the size of this field. | as in comment | REVISED.  The size and definition of Measurement Report Type subfields have been added in Draft 0.2.  TGbf Editor make changes specified in 22/1206r3. |

**Discussion 1**

Athough CSI is the only sensing measurement report type for sub-7 GHz WLAN sensing, it is good to keep the Sensing Measurement Report Type subfield for future use.

**Discussion 2**

Sensing Measurement Report Type field is also used in Sensing Measurement Report element, as shown in Figure 9-1002aw in Draft 0.2. In Figure 9-1002aw, the unit of Sensing Measurement Report Type is octet. So, if the length of the Sensing Measurement Report Type is less than 8 bits, Figure 9-1002aw also need to be further modified.



Consistency is needed for Figure 9-1002av, Figure 9-1002aw and Table 9-401s.

**Option 1**

Set the length of Sensing Measurement Report Type field in Figure 9-1002av to 8 bits and do not modify Figure 9-1002aw and Table 9-401s at this stage. Modify them together in next round CC.

**Option 2**

Set the length of Sensing Measurement Report Type field to 3 bits, modify Figure 9-1002aw and Table 9-401s accordingly.

The problem is that the modification of Figure 9-1002aw is not related to the CIDs in this document.

**Option 3**

Set the length of Sensing Measurement Report Type field to 3 bits and modify Table 9-401s accordingly.

Modify Figure 9-1002aw in next round CC.

**Discussion end**

***Instructions to the editor: please make the following changes to P44L54 in the subclause 9.4.2.317 Sensing Measurement Parameters element in D0.2 as shown below:***



Figure 9-1002au – Sensing Measurement Parameters element format



Figure 9-1002av – Sensing Measurement Parameters field format

***Instructions to the editor: please make the following changes to P45L13 in the subclause 9.4.2.317 Sensing Measurement Parameters element in D0.2 as shown below:***

The Sensing Measurement Report Type subfield is set to a number that identifies the type of sensing measurement report being requested. The types of sensing measurement report that have been allocated are defined in Table 9-401s (Sensing Measurement Report Type field definition)(#217, #255, #587, #837, #902,

#488, #509, #7). If the sensing initiator is a sensing receiver, the Sensing Measurement Report Type subfield is reserved(#667).

***Instructions to the editor: please make the following changes to P45L49 in the subclause 9.4.2.318 Sensing Measurement Report element in D0.2 as shown below:***

Table 9-401s - Sensing Measurement Report Type subfield definition

|  |  |
| --- | --- |
| Value(#257) | Sensing Measurement Type |
| 0 | CSI |
| 1- 7 | Reserved |

**Reference: TGbf Draft 0.2.**