IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Comment Resolution for Subclause 8.4.2.170v | | | | |
| Date: 2014-09-02 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Liwen Chu | Marvell |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

Abstract

This submission proposes comment resolutions for subclause 8.4.2.170v:

3278, 3279, 3280, 3008.

Interpretation of a Motion to Adopt

A motion to approve this submission means that the editing instructions and any changed or added material are actioned in the TGah Draft. This introduction is not part of the adopted material.

***Editing instructions formatted like this are intended to be copied into the TGah Draft (i.e. they are instructions to the 802.11 editor on how to merge the text with the baseline documents).***

***TGah Editor: Editing instructions preceded by “TGah Editor” are instructions to the TGah editor to modify existing material in the TGah draft. As a result of adopting the changes, the TGah editor will execute the instructions rather than copy them to the TGah Draft.***

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **CID** | **Clause Num** | **P** | **L** | **Comment** | **Propose Change** | **Resolution** |
| 3278 | 8.4.2.170v | 170 | 1 | The description of the Operating Class and Primary Channel Number fields is very minimalistic. And B5 of the Channel Width can be described better. | Add references to where the values of these fields are defined. Replace description of B5 with: "B5 indicates the location of the 1 MHz primary channel within the 2 MHz primary channel -- B5 is set to 0 to indicate that it is located at the lower side of the 2 MHz primary channel. -- B5 is set to 1 to indicate that it is located at the upper side of the 2 MHz primary channel." | Revise  Discussion: generally agree with the comment.  TGah editor makes the following changes in 11-14/1250r1 under CID 3278 |
| 3279 | 8.4.2.170v | 170 | 41 | This sentence is not correct because only the Max S1G MCS indicates the supported S1G MCS set while the Min S1G MCS indicates recommended MCSs). | Replace this sentence with: "Each Max S1G MCS indicates the supported S1G-MCS set for NSS from 1 to 4 while each Min S1G-MCS indicates whether certain S1G-MCS values are not recommended for NSS from 1 to 4." | Accept |
| 3280 | 8.4.2.170v | 171 | 1 | Technically there is no sensor-only BSS. But there are APs that indicate support for Sensor type STAs. | Replace the sentence with: " An S1G AP that indicates support for Sensor type STAs does not indicate minimum MCS restrictions." Add a similar normative description in 10.48. | Revise  Discussion: general agree with the comment.  TGah editor make the changes in 11-14/1250r1 under CID 3280 |
| 3008 | 8.4.2.30 | 115 | 22 | "(B1B0 of the Frame Control field = 00)"  It is dangerous to apparently define things multiple times. | Remove cited text | Accept |

**8.4.2.170v S1G Operation element**

***TGah Editor: change* Table 8-258a16—S1G Operation Information subfields *in subclause 8.4.2.170w as follows (CID 3278):***

|  |  |  |
| --- | --- | --- |
| * S1G Operation Information subfields | | |
| **Definition** | **Encoding** |
| This field defines the BSS operating channel width (see Table 10-27—S1G BSS operating channel width in10.44c.1 (Basic S1G BSS functionality) also). | Bitmap of B0-B4 indicates the operating channel widths, 1/2/4/8/16 MHz.  B0 to B4 are defined in Table 10-27 (S1G BSS operating channel width).  B5 bits indicates the location of 1MHz primary  Channel within the 2 MHz primary channel   * B5 is set to 0 to indicate that it is located at the lower side of 2MHz primary channel. * B5 is set to 1 to indicate that it is located at the upper side of 2MHz primary channel.   B6 is reserved.  B7 is set to 1 to indicate MCS10 is permitted but not recommended. |
| This field defines the operating class that the BSS is operating in. | The operating class of the BSS |
| Primary Channel Number field indicates the channel number of 2 MHz primary channel or 1 MHz primary channel. | Channel number of the primary channel |

***TGah Editor: change the last paragraph in subclause 8.4.2.170w as follows (CID 3280):***

An S1G AP that indicates support for Sensor only STAs does not indicate minimum MCS restrictions.

10.44dSensor-only(#3509) BSS

***TGah Editor: Add the following paragraph at the end of subclause 10.44d (CID 3280):***

An S1G AP that indicates support for Sensor only STAs shall not indicate minimum MCS restrictions.