IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| LB258: Resolution for CID 1178 | | | | |
| Date: 2022-01-29 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Guogang Huang | Huawei |  |  | huangguogang1@huawei.com |
|  |  |  |  |  |

Abstract

This submission proposes resolution for the following CID submitted to LB258 for P802.11REVme (**1 CID**):

* 1178

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CID** | **PP.LL** | **Clause** | **Comment** | **Proposed Change** | **Resolution** |
| 1178 | 3079.21 | 11.49 | Please add some text to describe the behavior when a STA receives a Neighbor AP Information field with a recognized TBTT Information Field Type subfield and a recognized TBTT Information Length subfield but an unrecognized Channel Number field. | Please add the following paragraph after the third paragraph ('If the unrecognized TBTT Information Length value is less than or equal to 13').  A STA that receives a Neighbor AP Information field with a recognized TBTT Information Field Type subfield and a recognized TBTT Information Length subfield but an unrecognized Channel Number field shall follow alternative a). | Revised  Add some text to describe the corresponding behaviour when a STA receives a Neighbor AP Information field with an unrecognized Channel Number field.  TGm editor, please implement changes tagged as 1178 in doc. 11-22/0238r2 |

***TGm editor: Please insert a new paragraph in this subclause as follows.***

* **Reduced neighbor report**

…

A STA that receives a Neighbor AP Information field with an unrecognized TBTT Information Field Type subfield shall ignore the remainder of the Reduced Neighbor Report element.

(11ax)A STA that receives a Neighbor AP Information field with a recognized TBTT Information Field Type subfield but an unrecognized TBTT Information Length subfield has two possible ways of processing the received information:

* Ignore that Neighbor AP Information field, and continue to process the subsequent Neighbor AP Information fields, or
* Process the first 13 octets of each TBTT Information field of the Neighbor AP Information field as if the TBTT Information Length subfield had value 13, ignore the remaining TBTT Information Length minus 13 octets of each TBTT Information field of the Neighbor AP Information field, and continue to process the subsequent Neighbor AP Information fields.

(11ax)If the unrecognized TBTT Information Length value is less than or equal to 13, the STA shall follow alternative a). If the unrecognized TBTT Information Length value is greater than 13, an HE STA shall follow alternative b), and a non-HE STA shall follow either alternative a) or b).

[1178]A STA that receives a Neighbor AP Information field with an unrecognized Channel Number field shall ignore that Neighbor AP Information field, and continue to process the subsequent Neighbor AP Information fields.

Note—An unrecognized Channel Number field means the channel Number value which does not fit with any of the values defined in any of the Tables in Annex E for a specific Operating class value that is set in the Neighbor AP Information field.

(11ax)If an AP that operates in the 2.4 GHz or 5 GHz band advertises in Reduced Neighbor Report elements a 6 GHz AP that is in the same co-located AP set as itself, the AP shall include the 20 MHz PSD subfield in the TBTT Information field corresponding to that 6 GHz AP.

…