IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| CID 5860 Comment Resolution | | | | |
| Date: 2015-09-16 | | | | |
| Author: | | | | |
| Name | Affiliation | Address | Phone | Email |
| Carlos Aldana | Qualcomm Corporation |  |  | [caldana@qca.qualcomm.com](mailto:caldana@qca.qualcomm.com) |

Abstract

This contribution addresses CID 5860.

It uses Draft 4.2 as a baseline.

***Revision history:***

***v0 :*** Initial submission for CID 5860.

***Pertinent Comment :***

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***CID*** | ***Draft*** | ***Clause Number*** | | ***Page*** | ***Line*** | ***Type of Comment*** | ***Comment*** | ***Proposed Change*** |
| 5860 | 4 | 8.4.2.36 | 855 | | 11 | T | "Fine timing Measurement Field" is used multiple times in this paragraph. However, there is no such field defined in Extended Capabilities element. | Change "Fine Timing Measurement field" to "Fine Timing Measurement Responder field" in this paragraph, 3 instances. |

**Discussion :**One of the instances was fixed in Draft 4.2 and 2 others remain.

**Proposed Resolution :Revised**

***NOTE TO EDITOR* : *Please make the changes shown in red.***

* Neighbor Report element

The FTM field is set to 1 to indicate that the AP represented by this BSSID is an AP that has set the Fine Timing Measurement Responder field of the Extended Capabilities element to 1. The FTM field is set to 0 to indicate either that the reporting AP has dot11FineTimingMsmtRespActivated(#5172) equal to false, or the reported AP has not set the Fine Timing Measurement Responder(#5172) field of the Extended Capabilities element to 1 or that the Fine Timing Measurement Responder field of the reported AP is not available to the reporting AP at this time.(#2403)

Bits 14–31(#2403)(11ac) are reserved.

Operating Class field(11ac) indicates the channel set of the AP indicated by this BSSID. The Country, Operating Class, and Channel Number fields together specify the channel frequency and spacing for the channel on which the Beacon frames are being transmitted for the BSS being reported.(11ac) Valid operating classes(11ac) are listed in Annex E.

The Channel Number field(11ac) indicates the last known primary(11ac) channel of the AP indicated by this BSSID. Channel number is defined within an operating class(11ac) as shown in Annex E.

The PHY Type field indicates the PHY type of the AP indicated by this BSSID. It is an integer value coded according to the value of the dot11PHYType.

The Optional Subelements field contains zero or more subelements. The subelement format and ordering of subelements are defined in 8.4.3 ((#2041)Subelements).(#6707)

The Subelement ID field values for the defined (#3361)subelements are shown in Table 8-148 (Optional subelement IDs for neighbor report(#1429)).(#6707)

***NOTE TO EDITOR : Even though the following change is not part of the CID resolution, in order for the Wide Bandwith Channel subelement to be future proof, a “Yes” needs to be added to Table 8-148 as shown below.***

|  |  |  |
| --- | --- | --- |
| * Optional subelement IDs for neighbor report(#1429) | | |
| Subelement ID | Name | Extensible |
| 0 | Reserved |  |
| 1 | TSF Information | Yes |
| 2 | Condensed Country String | Yes |
| 3 | BSS Transition Candidate Preference |  |
| 4 | BSS Termination Duration |  |
| 5 | Bearing |  |
| 6(#5184) | Wide Bandwidth Channel | Yes |
| 7–38 | Reserved |  |
| 39(#2403) | Measurement Report | Subelements |
| 40–44 | Reserved |  |
| 45 | HT Capabilities subelement | Yes |
| 46–60 | Reserved |  |
| 61 | HT Operation subelement | Yes |
| 62 | Secondary Channel Offset subelement |  |
| 63–65 | Reserved |  |
| 66 | Measurement Pilot Transmission | Subelements |
| 67–69 | Reserved |  |
| 70 | RM Enabled Capabilities | Yes |
| 71 | Multiple BSSID | Subelements |
| 72–190(11ac) | Reserved |  |
| 191(11ac) | VHT Capabilities | Yes |
| 192(11ac) | VHT Operation | Yes |
| 193–220 | Reserved |  |
| 221 | Vendor Specific |  |
| 222–255 | Reserved |  |