IEEE P802.22  
Wireless RANs

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| TGb LB2 Comment Resolution (CID #5, #8, #9, #10, #11, #12, #16, #17, #18) | | | | |
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Abstract

Comment resolution for CID #5, #8, #9, #10, #11, #12, #16, #17, #18

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| **ID** | **Clause** | **Subclause** | **Type** | **Comment** | **Suggested Remedy** |
| 5 | 7 | 7.4b.3.1 | T | Access Zone is used in both PHY mode 1 and PHY mode 2, but the description is not complete for PHY mode . | Add the following description at the begining "At the beginning of every superframe in AZ on PHY mode 1, the A-BS shall transmit the superframe preamble and the SCH on the operating channel using the modulation/coding specified in 9.4.1.2 and Table 202 respectively.." |

1. Proposed Resolution

Accept the comment.

“At the beginning of every frame in AZ, the A-BS shall transmit the frame preamble and the FCH on the operating channel using the modulation/coding specified in 9a.2 and Table HU1 respectively.”

The above paragraph for AZ explanation is only for PHY Mode 2. AZ is used in both PHY mode 1 and PHY mode 2.Then the above paragraph is modified as follows.

“At the beginning of every superframe in AZ being operated on PHY mode 1, the A-BS shall transmit the superframe preamble and the SCH on the operating channel using the modulation/coding specified in 9.4.1.2 and Table 202, respectively.

At the beginning of every frame in AZ being operated on PHY mode 2, the A-BS shall transmit the frame preamble and the FCH on the operating channel using the modulation/coding specified in 9a.2 and Table HU1 respectively.”

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| --- | --- | --- | --- | --- | --- |
| **ID** | **Clause** | **Subclause** | **Type** | **Comment** | **Suggested Remedy** |
| 8 | 7 | 7.7.7.3.6.12 | T | Permananent Station ID is shown in 7.7.7.3.4.12 | Remove 7.7.7.3.6.12 |
| 9 | 7 | 7.7.7.3.6.12 | T | CPE operational capability is shown in 7.7.7.3.4.13 | Remove 7.7.7.3.6.13 |
| 10 | 7 | 7.7.25 | T | Message Type = xx in Table Y1 is not defined | Remove it |
| 11 | 7 | 7.7.25 | T/E | Unnecessary Information elements (Ies) in Table Y1 | Remove IE |
| 12 | 7 |  | T/E | "Wait for Local Cell Update RSP " in figure AX1 is unncessary | Change to "Done" |

1. Proposed Resolution

Accept Comments

* CID #8 and #9

Permananent Station ID and (7.7.7.3.4.12) CPE operation capability (7.7.7.3.4.13) are duplicated in 7.7.7.3.6.12 and 7.7.7.3.4.13, respectively. Remove 7.7.7.3.6.12 and 7.7.7.3.4.13

* CID #10, #11, #12

Local cell update REQ/RSP messages are used when a local cell status is chaned in registration or de-registration. Then change Table Y1 and Z1, and remove Table AA1 as follows

|  |  |  |
| --- | --- | --- |
| **Table Y1- Local Cell Update REQ message format** | | |
| **Syntax** | **Size** | **Note** |
| Container\_Message \_Format() { |  |  |
| Management Message Type = 41 | 8 bits | Local Cell Update REQ |
| Number of Contained Messages: n | 8 bits | The number of CPEs, which require local cell update |
| For (i=1; i<= n; i++){ | Variable |  |
| Update Type | 1 bits | 0: Registration  1: De-registration |
| SID | 13 bits | SID of CPE, which require local cell update request |
| Information elements (IEs) | Variable | Set IEs for registration ( 7.7.7.3,) |
| } |  |  |
| } |  |  |

|  |  |  |
| --- | --- | --- |
| **Table Z1-Local Cell Update RSP message format** | | |
| **Syntax** | **Size** | **Note** |
| LocalCell\_Update\_RSP\_Format() { |  |  |
| Management Message Type = xx42 | 8 bits |  |
| Number of CPEs: n | 8 bits | The number of CPEs, which update information in a local cell |
| For (i=1; i<= n; i++){ | Variable |  |
| SID | 13 bits | SID of CPE, which require local cell update request |
| Confirmation | 1 bits | 0: Failure  1: Success |
| } |  |  |
| } |  |  |

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| --- | --- | --- | --- |
|  | | | |
|  |  |  |  |
| 1 | 1 |  |  |



**Figure AX1-Local cell update at A-BS**

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| --- | --- | --- | --- | --- | --- |
| **ID** | **Clause** | **Subclause** | **Type** | **Comment** | **Suggested Remedy** |
| 16 | 7 | 7.14.3.9.3 | T | Timer "Txx" (Figure AQ1, Figure AR1) is not defined | Define Timer "Txx" |
| 17 | 7 | 7.14.3.11.2 | T | Timer "Txx" (Figure AT1, AU1, AV1, AW1) is not defined | Define Timer "Txx" |
| 18 | 7 | 7.14.3.11.3 | T | Timer "Txx" (Figure AY1, AZ1) is not defined | Define Timer "Txx" |

1. Proposed Resolution

Table 272 MAC parameters, timers, message IEs

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Entity | Name | Reference | Min value | Default value | Max value |
| CPE | T61 | Wait for container ACK | - | - | 3s |
| CPE | T62 | Wait for local cell update response | - | - | 3s |
|  |  |  |  |  |  |