IEEE P802.11
Wireless LANs

|  |
| --- |
| Comment Resolutions for CID 1378 and 1516 |
| Date: 2011-05-09 |
| Author(s): |
| Name | Company | Address | Phone | Email |
| Illsoo Sohn | LG Electronics | LG R&D Complex 533, Hogye-1dong, Dongan-Gu, Anyang-Shi, Kyungki-Do, 431-749, Korea | +82-31-450-1882 | Illsoo.sohn@lge.com  |
| Yongho Seok | LG Electronics | LG R&D Complex 533, Hogye-1dong, Dongan-Gu, Anyang-Shi, Kyungki-Do, 431-749, Korea | +82-31-450-1947 | yongho.seok@lge.com  |

Abstract

Submission addresses Draft P802.11ac\_D0.1 comments 1378 and 1516.

**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 TGaf Draft. This introduction is not part of the adopted material.

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

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

***Submission Note: Notes to the reader of this submission are not part of the motion to adopt. These notes are there to clarify or provide context.***

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **CID** | **Subclause** | **Page** | **Line** | **CommentType** | **Comment** | **Suggested Remedy** |
| 1378 | General |  |  | TR | Because neither Transmit Power Constraint nor Extended Channel Switch Announcement are extensible, consider using 11-10/767r1 Channel Power Management Announcement to manage both frequency and transmit power in BSS. | See P802.11af\_D1.0 for evolved Channel Power Management functions that control both constrained maximum transmit power and channel frequencies/bandwidths. |

**Discussion:**

Approved texts, 11/305r1 and 11/306r2, are already providing the transmit power control and channel switch mechanisms for VHT operation. So, it is not necessary to introduce Channel Power Management defined in TGaf Draft 1.0 in the TGac specifications.

**Proposed Resolution:**

Reject CID 1378 based on the discussions above.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **CID** | **Subclause** | **Page** | **Line** | **Comment****Type** | **Comment** | **SuggestedRemedy** |
| 1516 | 7.4.3;7.4.11 | 35-36 | various | TR | The absence of any qualifier implies the Associaion ID is present in all the (T)DLS Action frames mentioned. | Add "if the dot11VHTOptionImplemented attribute is true" or similar qualification. |

**Discussion:**

Because the Association ID is included in DLS Setup Request, DLS Setup Response, TDLS Setup Request and TDLS Setup Response only when the STA supports VHT, the qualifier for including the association request is necessary.

**Proposed Resolution:**

Agree. Add the proposed qualifier by the commenter in DLS Setup Request, DLS Setup Response, TDLS Setup Request and TDLS Setup Response. Also agree to following editing instructions to complete the section.

## Editing instructions:

**8.5.4.2 DLS Setup Request frame format**

TGac editor: Change Table8-177:

**Table 8-177—Information for DLS Setup Request frame**

|  |  |  |
| --- | --- | --- |
| Order | Information | Notes |
| 10 | Source Association ID | The Association ID (as specified in 7.3.1.8) of the STA sending the frame is present if the dot11VHTOptionImplemented attribute is true.  |

**8.5.4.3 DLS Setup Response frame format**

TGac editor: Change Table 8-178:

**Table 8-178—Information for DLS Setup Response frame**

|  |  |  |
| --- | --- | --- |
| Order | Information | Notes |
| 10 | Destination Association ID | The Association ID (as specified in 7.3.1.8) of the STA sending the frame is present if the dot11VHTOptionImplemented attribute is true.  |

**8.5.13.1 TDLS Setup Request frame format**

TGac editor: Change Table8-213:

**Table 8-214—Information for TDLS Setup Request frame**

|  |  |  |
| --- | --- | --- |
| Order | Information | Notes |
| 18 | Source Association ID | The Association ID (as specified in 7.3.1.8) of the STA sending the frame is present if the dot11VHTOptionImplemented attribute is true.  |

**8.5.13.2 TDLS Setup Response frame format**

TGac editor: Change Table 8-214:

**Table 8-214—Information for TDLS Setup Response frame**

|  |  |  |
| --- | --- | --- |
| Order | Information | Notes |
| 19 | Destination Association ID | The Association ID (as specified in 7.3.1.8) of the STA sending the frame is present if the dot11VHTOptionImplemented attribute is true.  |