IEEE P802.11
Wireless LANs

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| LB225 CR MAC Miscellaneous Part1 |
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Abstract

This submission proposes resolutions of comments received from TGax LB225.

(The proposed change is based on TGax Draft 1.1.)

* CIDs: 9756, 7788 (2 CID)

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 TGax Draft. This introduction is not part of the adopted material.

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

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

| **CID** | **Page** | **Clause** | **Comment** | **Proposed Change** | **Resolution** |
| --- | --- | --- | --- | --- | --- |
| 9756 | 68.28 | 9.4.2.46 | "The Timestamp and Beacon Interval fields, DSSS Parameter Set, IBSS Parameter Set, Country, Channel Switch Announcement, Extended Channel Switch Announcement, Wide Bandwidth Channel Switch, Transmit Power Envelope, Supported Operating Classes, IBSS DFS, ERP Information, HT Capabilities, HT Operation, VHT Capabilities, and VHT Operation elements are not included in the Nontransmitted BSSID Profile subelement; the values of these elements for each nontransmitted BSSID are always the same as the corresponding transmitted BSSID element values."The HE Capabilities, HE Operation elements, and BSS Color Change Announcement element are not included in the Nontransmitted BSSID Profile subelement.Please insert those elements into exclusive elements of the Nontransmitted BSSID Profile subelement. | As per comment. | Revised- Agree in principle. The HE Capabilities, HE Operation, BSS Color Change Announcement and Spatial Reuse Parameter Set elements are not included in the Nontransmitted BSSID Profile subelement.TGax editor makes changes as shown in the as specified in 11-17/0255r0. |
| 7788 | 143.49 | 11.3.5.3 | Need to add basic HE-MCS to the association rules in 11.3.5.3 | Add a bullet after bullet (h), "The SME shall refuse an association request from an HE STA that does not support all of the <HE-MCS, NSS> tuples indicated by the Basic HE-MCS And NSS Set field of the HEOperation parameter in the MLME-START.request primitive." Same thing in 11.3.5.5. Similarly in 11.4.2. | Revised- Agree in principle. Need to add a basic HE-MCS to the (re)association rules. But, not added for 11.4.2 (TSPEC construction). Because the use of HCCA and TSPEC are banned at HE STAs. (see 27.1 Introduction).TGax editor makes changes as shown in the as specified in 11-17/0255r0. |

9.4.2.46 Multiple BSSID element

***TGax editor: change the sub-clause 9.4.2.46 as the following:***

The Nontransmitted BSSID Profile subelement contains a list of elements for one or more APs or DMG STAs that have nontransmitted BSSIDs, and is defined as follows:

— For each nontransmitted BSSID, the Nontransmitted BSSID Capability element (see 9.4.2.72 (Nontransmitted BSSID Capability element)) is the first element included, followed by a variable number of elements, in the order defined in 9-27 (Beacon frame body).

— The SSID and multiple BSSID-index subelements are included in the Nontransmitted BSSID Profile subelement.

— The FMS Descriptor element is included in the Nontransmitted BSSID Profile subelement if the Multiple BSSID element is included in a Beacon frame and if the TIM field indicates there are buffered group addressed frames for this nontransmitted BSSID.

— The Timestamp and Beacon Interval fields, DSSS Parameter Set, IBSS Parameter Set, Country, Channel Switch Announcement, Extended Channel Switch Announcement, Wide Bandwidth Channel Switch, Transmit Power Envelope, Supported Operating Classes, IBSS DFS, ERP Information, HT Capabilities, HT Operation, VHT Capabilities, ~~and~~ VHT Operation, HE Capabilities, HE Operation, BSS Color Change Announcement, and Spatial Reuse Parameter Set elements are not included in the Nontransmitted BSSID Profile subelement; the values of these elements for each nontransmitted BSSID are always the same as the corresponding transmitted BSSID element values.

11.3.5.3 AP or PCP association receipt procedures

***TGax editor:*** ***Insert the following list item after item h, adjusting the bullet number correspondingly:***

h) The SME shall refuse an association request from a VHT STA that does not support all of the <VHT-MCS, NSS> tuples indicated by the Basic VHT-MCS And NSS Set field of the VHT Operation parameter in the MLME-START.request primitive.

i) The SME shall refuse an association request from an HE STA that does not support all of the <HE-MCS, NSS> tuples indicated by the Basic HE-MCS And NSS Set field of the HE Operation parameter in the MLME-START.request primitive.

11.3.5.5 AP or PCP reassociation receipt procedures

***TGax editor:*** ***Insert the following list item after item h, adjusting the bullet number correspondingly:***

h) The SME shall refuse a reassociation request from a VHT STA that does not support all of the <VHT-MCS, NSS> tuples indicated by the Basic VHT-MCS And NSS Set field of the VHT Operation parameter in the MLME-START.request primitive.

i) The SME shall refuse a reassociation request from an HE STA that does not support all of the <HE-MCS, NSS> tuples indicated by the Basic HE-MCS And NSS Set field of the HE Operation parameter in the MLME-START.request primitive.