IEEE P802.11
Wireless LANs

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| LB258 CR for CID 2189 |
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Abstract

This submission proposes resolution of the following comment received from LB258 based on REVme D1.0.

* 2189

Revisions:

* Rev 0: Initial version of the document.

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| **CID** | **Commenter** | **Clause** | **Page** | **Comment** | **Proposed Change** | **Resolution** |
| 2189 | Ming Gan | 9.4.2.45 | 1356.38 | For the nontransmitted BSSID profile of Multiple BSSID element, it lists a few elements/fields, like Timestamp field, Channle Switch Announcement element, Extended Channel Switch Announcement and so on, which are same for both non-transmitted BSSID and transmitted BSSID. However, some elements are still missing, like Max Channel Switch Time element, Quiet element and Quiet Channel element. It is straightforward to make them same for both non-transmitted BSSID and transmitted BSSID based on their meanings. | Please add Max Channel Switch Time element, Quiet element and Quiet Channel element to the exception list. The commenter will bring a contribution to address this issue. | Revised-Agree with the comment in principle. Propose resolution takes into account the suggested change.TGme editors to make the changes shown in 21/0529r0 under all headings that include CID 2189. |

**Discussion:**

All APs of the multiple BSSID set use a common operating class, channel, channel access functions, receive antenna connector, and transmit antenna connector. In this case, these AP should have the same values of channel switch/quiet related elements.

As shown in Page 1356 Line 38 of REVme D1.0, some channel switch related elements are already mentioned, like Channel Switch Announcement element, Extended Channel Switch Announcement element, and Wide Bandwidth Channel Switch element element. However, Max Channel Switch Time element is missing.

Moreover, channel quiet related elements which are used to quiet channels for testing, such as Quiet element and Quiet Channel element, are also missing.

NOTE 1- The Max Channel Switch Time element indicates the time delta between the time the last beacon is transmitted by the AP in the current channel and the expected time of the first beacon transmitted by the AP in the new channel.NOTE 2- The Quiet element defines an interval during which no transmission occurs in the current channel.

NOTE 3- The Quiet Channel element is used to indicate that the secondary 80 MHz channel of a VHT BSS is to be quieted during a quiet interval, and, in an infrastructure BSS, to indicate if the primary 80 MHz channel of a VHT BSS can be used during the quiet interval.

**9.4.2.45 Multiple BSSID element**

TGme editors: Please update the following paragraph this subclause as shown below:

A nontransmitted BSSID profile carried in one or more Nontransmitted BSSID Profile subelements across one or more multiple BSSID elements in the same frame contains a list of elements for the AP or the DMG STA that has a nontransmitted BSSID and is defined as follows: (11ax)

— The Nontransmitted BSSID Capability element (see 9.4.2.71 (Nontransmitted BSSID Capability element)) is the first element included, followed by a variable number of elements, in the order defined in Table 9-60 (Beacon frame body) for a non-DMG non-S1G AP, Table 9-73 (DMG Beacon frame body) for a DMG AP or Table 9-74 (Minimum and full set of optional elements) for a S1G AP. (11ax)

— The SSID element (see 9.4.2.2 (SSID element)) and Multiple BSSID-Index element (see 9.4.2.73 (Multiple BSSID-Index element)) are included as the second and third elements, respectively. (11ax)

— The FMS Descriptor element (see 9.4.2.74 (FMS Descriptor element) is included if dot11FMSActivated is true for the BSS using this nontransmitted BSSID and if the Multiple BSSID element is included in a Beacon frame. (11ax)

— Any element specific to the BSS or with content that is different from the transmitted BSSID. (11ax)

— The Timestamp and Beacon Interval fields, TIM, 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, VHT Operation, S1G Beacon Compatibility, Short Beacon Interval, S1G Capabilities, S1G Operation, HE Capabilities, HE 6 GHz Band Capabilities, HE Operation, BSS Color Change Announcement, Spatial Reuse Parameter Set, Max Channel Switch Time, Quiet, and Quiet Channel (CID #2189) 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. (11ax)

— When included in the Nontransmitted BSSID Profile subelement for this nontransmitted BSSID, the Non-Inheritance element (see 9.4.2.240 (Non-Inheritance element)) appears as the last element in the profile and carries a list of elements that are not inherited by this nontransmitted BSSID from the transmitted BSSID.