IEEE P802.11
Wireless LANs

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| Comment Resolution for SR on BSS Color |
| Date: 2016-11-4 |
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Abstract

This submission proposes resolutions for multiple comments related to TGax D0.1 with the following CIDs (3 CIDs) : 448, 833, 1232.

**CID 448, 833, 1232**

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| CID | Clause Number | Page | Line | Comment | Proposed Change | Resolution |
| 448 | 25.9.2 | 63 | 36 | BSS color is defective with highly overlapped BSSs yet different colors. With mobile APs, ensuring highly overlapped BSSs always have the same color is infeasible | Define that non-fixed APs use BSS color = 0 (no color) | Rejected.This comment suggests that a range of BSS color should be defined for mobile APs..However, even if BSS color assignment for mobile APs is needed, the size of the range of BSS color should be dependent on the market and usage of mobile APs. The 802.11 spec is not an appropriate place to define a parameter setting rule that is dependent on the market. If necessary, it should be discussed in other places (e.g., WFA). |
| 833 | 25.9.2 | 63 | 28 | Specify the container to convey BSS color field. | Modify as "... by using BSS color in the HE-SIG-A or MAC address in the MAC header" | Revised. Already resolved in Draft 0.5. As addressed in 16/889r1 (CID 2435), BSS color is specified as “The RXVECTOR parameter BSS COLOR”. Then it is not necessary to explain “BSS color in the HE-SIG-A”. Therefore the proposed change is already resolved in 16/889r1. TGax editor already changed the text in Draft 0.5. |
| 1232 | 25.9.2 | 63 | 32 | BSS Color of zero means the BSS has "no color", per 9.4.2.214. So, a color of zero should be treated as a BSS that is not participating in color-specific BSS CCA rules. | Add "or the BSS Color is zero in the detected PPDU" to end of the first bullet. | Revised. Already resolved in Draft 0.5.As addressed in 16/862r3, BSS color= 0 should be used “if one or more intended recipient STAs of an HE PPDU is not a member of a transmitting STA's BSS”. Therefore the condition on BSS color=0 is already resolved. TGax editor already changed the text in Draft 0.5. |

Reference

[1] IEEE 802.11-16/0862r3 “Comment Resolution on Subclause 25.11”

[2] IEEE 802.11-16/0889r1 “11ax D0.1 Comment Resolution for Spatial Reuse (Intra BSS detection)”