IEEE P802.11
Wireless LANs

|  |
| --- |
| LB 200 clause 9.47 and 9.47.1 comment resolution |
| Date: 2014-01-20 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| James Wang  | MediaTek |  |  | james.wang@meddiatek.com  |
| George Calcev  | Huawei |  |  | George.Calcev@huawei.com |
| Minho Cheong | ETRI |  |  | minho@etri.re.kr  |
| Yongho Seok | LGE |  |  | yongho.seok@lge.com |
| Younghoon Kwon | Huawei |  |  | younghoon.kwon@huawei.com |

Abstract

This submission proposes comment resolutions of the clause 9.47 and 9.47.1 from TGah Draft 1.0.

* CIDs: 1056, 1057, 2920

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

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

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CID** | **Clause** | **Page** | **Comment** | **Proposed Change** | **Resolution** |
| 1056 | 9.47.1 | 196 | "All stations associated with the BSS shall be covered by at least one sector."passive voice considered dangerous.Is this a requirement on the STAs to move to an area where they are covered, or a requirment on the AP to track the location of STAs and ensure they are all covered, or a requirement on the AP to cover any possible STA location? | Replace by active voice. Determine whether this is a requirement on the STA or the AP. If the AP determine whether it is a requirement on current STAs, or an area requirement. Reword according to these determinations. | RevisedRevised |
| 1057 | 9.47.1 | 196 | "The entire BSS is assumed to be covered by the omni-directional beam or the omni-directional antenna of the AP."passive voice considered dangerous.Assumed by whom? By the AP, by the STA, by the implementors, by the authors of the standard, by the operators, by the owners, by the little boy who lives down the street?When that question has been answered, then answer the question whether this is a normative requirement in hiding. | Reword to avoid passive voice. If actually a requirement, express as a "shall". | RevisedRevised |
| 2920 | 9.47.1 | 196 | Definition of omni and sector beam is not clear. It needs further clarificaiton. | As mentioned in the Comment. | Reject |

**CID1056 and 1057**

**Discussion:**

Commeter points out the statement P197L25 as it is represents a requirement for the AP.

**Propose:**

RevisedRevised.

*Instruct the editor to make the following change in P197L25.*

AP shall cover all stations associated to it with at least one sector or an omni-directional beam.

**CID2920**

**Discussion:**

Commenter indicates that the definition of omni and sector beam is not clear. It needs further definition.

The sector is explained in P197L20” The partition of the coverage area of a BSS into sectors, each containing a subset of stations, is called sectorization. This partitioning is generally achieved by the AP transmitting or receiving through a set of antennas or a set of synthesized antenna beams to cover different sectors of the BSS.” And the omni beam is explained in P197L26 “The entire BSS is assumed to be covered by the omni-directional beam or the omni-directional antenna of the AP.”

**Propose:**

Reject. No change needed here.