IEEE P802.11  
Wireless LANs

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| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Spatial Reuse Subfield Encoding Rule Clarification | | | | | | Date: 2016-10-06 | | | | | | Author(s): | | | | | | Name | Affiliation | Address | Phone | email | | James Wang | Mediatek |  |  | James.wang@mediatek.com | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |

Abstract

NOTE- The proposed changes on this document is based on TGax Draft 0.5.

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.***

**Discussion:**

The encoding rules of spatial reuse subfield is in P226 Table 26-19—Spatial Reuse subfield encoding. The transmit power of AP is restricted to

TX PWRAP: -10 dBm to 26 dBm

To accommodate high power AP, we should remove the restriction of 26 dBm.

**Proposed Changes**

***Instruct Editor to change L36P226 as follows:***

TX PWRAP: ≥-10 dBm ~~to 26 dBm~~