IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Proposed resolution for CID 4928 | | | | |
| Date: 2017-07-10 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Kaiying Lv | ZTE Corp. | No.9 Wuxingduan Xifeng Road, Xi’an, China | +86-15319738598 | lv.kaiying@zte.com.cn |
| Bo Zhang | ZTE Corp. | No.9 Wuxingduan Xifeng Road, Xi’an, China |  |  |
|  |  |  |  |  |

Abstract

This submission proposes resolutions for CID 4928 related to TGax D1.0

Revisions:

* Rev 0: Initial version of the document.
* Rev 1:

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** | **Section** | **Pg / Ln** | **Comment** | **Proposed Change** | **Resolution** |
| 4928 | 27.2.1 | 149.16 | OBSS interference should be minimized with NDP PPDUs in order that MU works reliably. | Therefore the proportional CCA rule should be disabled during NDP PPDUs (and, related concern, PPDUs containing FTM frames). Changes at P190L30 | Revised  Agree with the comment.  TGax editor please make the changes as shown in 11-17/0669r3 |

***Discussion:***

Sounding procedure is quite important for reliable data transmission. In 11ax Draft1.3, TXVECTOR parameter SPATIAL\_REUSE is set to SRP\_DISALLOW which is to disallow SRP based SR operation only. However non-SRG/ SRG OBSS-PD based and SRP based SR operation shall be disallowed.

***TEXT MODIFIED：***

***11ax Editor: modify the following text of sub-clause 27.6.4 HE NDP transmission on Page238L48:***

**27.6.4 HE NDP transmission**

The TXVECTOR parameters for an HE NDP are as follows:

…

— SPATIAL\_REUSE is set to SRP\_AND\_NON-SRG\_OBSS-PD\_PROHIBITED ~~SRP\_DISALLOW~~.

**TGax Editor: *modify the following text of sub-clause 27.11.6 SPATIAL\_REUSE on Page273L27:***

An HE STA shall set TXVECTOR parameter SPATIAL REUSE to SRP\_AND\_NON-SRG\_OBSS-PD\_PROHIBITED ~~SRP\_DISALLOW~~ for an NDP PPDU.

An HE STA shall set TXVECTOR parameter SPATIAL REUSE to SRP\_AND\_NON-SRG\_OBSS-PD\_PROHIBITED ~~SRP\_DISALLOW~~ for a PPDU containing an FTM or NDP Announcement frame.