### IEEE P802.11 Wireless LANs

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| 11ax D3.2 Proposal for Status Code | | | | |
| Date: 2018-12-10 | | | | |
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Abstract

This submission proposes bug fixes of status code for TGax Draft D3.2:

Revisions:

* Rev 0: Initial version of the document.

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 D3.2 Draft. This introduction is not part of the adopted material.

***Editing instructions formatted like this are intended to be copied into the TGax D3.2 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.***

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| **CID** | **Commenter** | **P.L** | **Clause** | **Comment** | **Proposed Change** | **Resolution** |
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**Discussion:**

The status code for denying STA without HE features is missing. We add the status code to align with the design of HT and VHT.

**Propose:**

***TGax editor: Change 9.4.1.9 Status Code field as follows: (Track change on)***

9.4.1.9 Status Code field

The Status Code field is used in a response Management frame to indicate the success or failure of a requested operation.(#1537) The Status Code field is shown(#243) in Figure 9-92 (Status Code field).

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| --- | --- |
|  | Status Code |
| Octets: | 2 |
| * Status Code field | |

If an operation is successful, then the status code is set to SUCCESS (0). A status code of SUCCESS\_POWER\_SAVE\_MODE also indicates a successful operation. If an operation results in failure, the status code indicates a failure cause. The failure cause codes are defined in Table 9-53 (Status codes).

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| * Status codes | | | |
| Status code | | Name | Meaning |
| …(Existing fields)… | | | |
| 27 | | DENIED\_NO\_HT\_SUPPORT | Association denied because the requesting STA does not support HT features. |
| …(Existing fields)… | | | |
| 104 | | DENIED\_VHT\_NOT\_SUPPORTED | Association denied because the requesting STA does not support VHT features. |
| …(Existing fields)… | | | |
| <ANA> | | DENIED\_HE\_NOT\_SUPPORTED | Association denied because the requesting STA does not support HE features. |