IEEE P802.11  
Wireless LANs

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| Comment resolutions for 6 ghz scanning | | | | |
| Date: 2019-05-01 | | | | |
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Abstract

This submission proposes resolutions for multiple comments related to TGax D4.0 with the following CIDs (3 CIDs):

* 20493, 21160, 21496

Revisions:

* Rev 0: Initial version of the document.
* Rev 1: Incorporated changes received during the presentation. Changes are highlighted in green.
* Rev 2: Incorporated suggestion received from Jarkko and a note for the # of Short SSID IEs limitation, rather than the normative requirement cited in the original revision. Changes in this color.
* Rev 3: Some additional changes based on feedback received during the presentation in the conf call. Changes in this color.

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.***

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| **CID** | **Commenter** | **P.L** | **Comment** | **Proposed Change** | **Resolution** |
| 20493 | Mark RISON | 431.11 | Not clear whether "includes more than one short SSID" is referring to inclusion of the Short SSID List element or inclusion of more than one Short SSID field | Change the cited text at the referenced location to "includes more than one Short SSID field" | Revised –  Agree in principle with the comment. The Probe Request can include one Short SSID List element with no more than one Short SSID field. Resolution clarifies it.  TGax editor to make the changes shown in 11-19/0909r3 under all headings that include CID 20493. |
| 21160 | Po-Kai Huang | 431.11 | Does this sentence "In the 6 GHz band, a STA shall not transmit a Probe Request frame that includes more than one short SSID." mean that short SSID element can not have more than one short SSID in a probe request frame sent in 6 GHz? | Clarify that the operation here means the number of short SSIDs in a short SSID element. If having more than one short SSID element is allowed, then specify that there can be at most one short SSID element in a probe request frame sent in 6 GHz band. | Revised –  Agree in principle with the comment. The Probe Request can include one Short SSID List element with no more than one Short SSID field. Resolution clarifies this and additionally clarifies that these Probe Requests are the ones that are sent to the broadcast destination address.  TGax editor to make the changes shown in 11-19/0909r3 under all headings that include CID 21160. |
| 21496 | Xiaofei Wang | 431.11 | Please clarify which field of the probe request the short SSIDs would be included? In the SSID or SSID List? Those seem to only contain regular SSIDs. | please clarify | Revised –  Agree in principle with the comment. Proposed resolution clarifies that it is the Short SSID List element.  TGax editor to make the changes shown in 11-19/0909r3 under all headings that include CID 21496. |

**Discussion: *None.***

**3.2 Definitions specific to IEEE 802.11**

* Scanning in the 6 GHz band
* General

(#15651)An AP operating in the 6 GHz band shall set dot11ColocatedRNRImplemented to true and dot11ShortSSIDListImplemented to true. An AP that is co-located with an AP operating in the 6 GHz band shall set dot11ColocatedRNRImplemented to true and dot11ShortSSIDListImplemented to true.

**TGax Editor: *Change the paragraph below of this subclause as follows (#CID 20493, 21160, 21496):***

In the 6 GHz band, a STA shall not transmit a Probe Request frame to the broadcast destination address that includes a Short SSID List element with more than one Short SSID field.

NOTE—In bands other than the 6 GHz band, there might be more than one Short SSID field in a Short SSID List element in a Probe Request frame to the broadcast destination address. A Probe Request frame does not contain more than one Short SSID List element (see Table 9-40).*(#20493, 21160, 21496)*

**TGax Editor: *Please change the sentence (third column of order 36) in Table 9-40 (#CID 20493, 21160, 21496):***

The Short SSID List element is optionally present if the dot11ShortSSIDListImplemented is true.*(#20493, 21160, 21496)*