IEEE P802.11
Wireless LANs

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| HE-STF Equation Correction for HE TB PPDU |
| Date: 2020-07-22 |
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Abstract: This document contains proposed text changes to fix an error HE-STF Equation for HE TB PPDU in D6.1.

Discussions:

In 27.3.11.9 HE-STF, HE-STF time domain representation signal for an HE TB PPDU transmitted by user *u* in the *r*-th RU as specified in Equation (27-39) should use *NSTS,r,u* instead of *NSTS,r,total* as the normalization factor since only  *NSTS,r,u* spatial streams are transmitted from this STA.

11ax editor: Please make the text changes as shown below.

* On P596L21 : Please change Equation (27-39) as shown below

 (27-39)

* On P596L33 : Please add the following texts for clarification purpose.

 is the HE-STF sequence for HE TB PPDU applied on subcarrier k. For an HE TB feedback NDP, replace with in Equation (27-39) .

 is given in the Starting Spatial Stream subfield in the SS Allocation subfield of Trigger frame User info field for *u*-th user in *r*-th occupied RU in Figure 9-64e (SS Allocation subfield format).