IEEE P802.11
Wireless LANs

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| Modified Text for Section 33.3.9.6 (Pilot subcarriers) |
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Abstract

This submission contains modified text for section 33.3.9.6 Pilot subcarriers to be incorporated in P802.11bd D0.1 based on the motions in 11-19/0514r12 frd-sfd motion block.

Revisions:

* Rev 0: Initial version of the document.

# 33.3.9.6 Pilot subcarriers

In a 10 MHz transmission, four pilot tones shall be inserted in ~~TBD~~ subcarriers . The pilot mapping for subcarrier *k* for symbol *n* shall be as specified in Equation (33-x12).

  (33-x12)

where,

 is given by the row of Table 19-19 (Pilot values for 20 MHz transmission)

In a 20 MHz transmission, six pilot tones shall be inserted in ~~TBD~~ subcarriers . The pilot mapping for subcarrier *k* for symbol *n* shall be as specified in Equation (33-x13).

(33-x13)

where

 is given by the *NSTS =* 1 row of Table 19-20 (Pilots values for 40 MHz transmission (excluding MCS 32))

The above pilot mapping shall be copied to all space-time streams before the space-time stream cyclic shifts are applied.

The pilot subcarrier locations in the NGV-LTF field for NGV-LTF-1x and NGV-LTF-2x are the same as the pilot subcarrier locations in the Data field.

# Reference

 11-19/0514r12 frd-sfd motion block