IEEE P802.11
Wireless LANs

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| Spec text for 33.2 NGV PPDU Format  |
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Abstract

This submission contains spec text for section 33.2 NGV PPDU format to be incorporated in P802.11bd D0.1 based on the motions in 11-19/0514r10 frd-sfd motion block.

Revision History:

* Rev 0: Initial version of the document

# 33.2 NGV PPDU format

A single PPDU format is defined for this PHY: the NGV PPDU format. The format of NGV PPDU is defiend as Figure 33-x1 (NGV PPDU format).



Figure 33-x1 NGV-PPDU Format

The fields of the NGV PPDU format are summarized in Table 33-x1(Fields of the NGV PPDU).

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| Tabel 33- x1 Fields of the NGV PPDU |
| **Field** | **Description** |
| L-STF | Non-HT Short Training field |
| L-LTF | Non-HT Long Training field |
| L-SIG | Non-HT SIGNAL field |
| RL-SIG | Repeated Non-HT SIGNAL field |
| NGV-SIG | NGV Signal field |
| RNGV-SIG | Repeated NGV Signal field |
| NGV-STF | NGV Short Training field |
| NGV-LTF | NGV Long Training field |
| Data | The Data field carrying the PSDU(s) |

The RL-SIG, NGV-SIG, RNGV-SIG, NGV-STF and NGV-LTF fields are present only in NGV PPDU formats. The RNGV-SIG field is equal to NGV-SIG field. In Non-NGV packets only the L-STF, L-LTF, L-SIG and Data fields are present. The number of symbols in the NGV-LTF field, *NNGV-LTF*, can be either 1 or 2 and is determined by the total number of space-time streams being transmitted in the NGV PPDU (see Table 33-x3 (Number of NGV-LTFs required for different numbers of space-time streams)).

**References:**

[1] 11-19/0514r10 frd-sfd motion block