IEEE P802.11  
Wireless LANs

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| --- | --- | --- | --- | --- |
| [The Comment resolution for 32.3.8.3.5] | | | | |
| Date: 2020-01-11 | | | | |
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Abstract

This submission proposes resolutions for following 2 CIDs: 1084 and 1820

Revisions:

* Rev 0: Initial version of the document.

## CID 1084 and 1820

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| --- | --- | --- | --- | --- | --- |
| **CID** | **Page** | **Clause** | **Comment** | **Proposed Change** | **Resolution** |
| 1084 | 68.62 | 32.3.8.3.5 | Don't understand the note. 10 MHz NGV-STF doesn't need per 10Mhz phase rotation. For 20MHz NGV-STF, if using the VHT 40MHz STF seqeunce, why is additional per 10MHz rotation needed | as in comment | Rejected, |
| 1820 | 69.3 | 32.3.8.3.5 | Nsts is not defined with no STBC supported | Nsts should be replaced with Nss in Equatoin 32-16 | Accepted  TGbd editor makes the chages according to this document 21-11/0027r0 |

Discussion for CID #1084

11bd supports both 10MHz transmission and 20MHz transmission. And for 10MHz and 20MHz transmission, we have agreed to reuse each VHT-STF sequence defined for 20MHz and 40MHz transmission in 11ac for NGV-STF, respectively. In addition, we have also agreed to reuse the value of phase rotation defined for 20MHz and 40MHz in 11ac (refer the eq(21-14) and eq(21-15) ) for 10MHz NGV PPDU transmission and 20MHz NGV PPDU transmission, respectively. And, the phase rotation is applied to each 10MHz subchannel because 10MHz is a basic unit of NGV transmission.

Since the equation (32-14) and (32-15) indicate the frequency domain sequence for 10MHz and 20MHz transmission, respectively, these sequence does not include the phase rotation. So, for the indication of this, this Note was used.

**Propose :**

***TGbd editor: please modify the equation(32-16) as follows***

(32-16) (#1820, #1114)

**References:**

**[1] 802.11bd D1.0**