IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| PHY CID 17890 Resolution | | | | |
| Date: 2017-11-06 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | Email |
| Hongyuan Zhang | Marvell |  |  | [hongyuan@marvell.com](mailto:hongyuan@marvell.com) |

Abstract: This document addresses the following CID, on 80+80MHz:

*CIDs* *17890*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 17890 | 28.3.18.3 | 491.10 | In 11ac similar subclause, the following sentences were used to describe the possible LO usage for 80+80MHz or 160MHz, the same sentences should be added in 28.3.18.3, because this is important for interop. "Transmit signals with TXVECTOR parameter CH\_BANDWIDTH set to CBW160 or CBW80+80 may be generated using two separate RF LOs, one for each of the lower and upper 80 MHz frequency portions. NOTE--The signal phase of the two 80 MHz frequency portions might not be correlated." | Add similar sentences as quoted in the comment into clause 28.3.18.3 | **Revised.**  Change to as in doc IEEE802.11-17/1730r0. |

**Discussions:**

Agree with the comment that we need to copy similar sentence from 11ac so that a contiguous 160MHz device is able to communicate with a 80+80MHz device when the two segments are adjacent to each other. The same device most likely supports 11ac same bandwidth mode anyways.

TGax editor: please make the following change P491L10

……HE TB PPDU format is subject to additional requirements as defined in 28.3.14 (Transmit requirements for an HE TB PPDU).

Transmit signals with TXVECTOR parameter CH\_BANDWIDTH set to CBW160 or CBW80+80 may be generated using two separate RF LOs, one for each of the lower and upper 80 MHz frequency portions.

NOTE—The signal phase of the two 80 MHz frequency portions might not be correlated.