IEEE P802.11
Wireless LANs

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| Resolution for SIG\_B\_Compression\_Mode definition in TxVector  |
| Date: 2018-11-13 |
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|  |  |  |  |  |

Abstract

The **SIG\_B\_Compression\_Mode** field definition is inconsistent across the document.

Discussion

In Tx Vector, the SIG\_B\_Compression\_Mode is defined as follow:



But in RU\_Allocation definition in the TxVector, SIG\_B\_Compression\_mode = 0 is used to indicate the presence of the common field (which is the opposite of previous definition)



Finally, in SIGA definition for HE-MU PPDU, the SIG\_B\_Compression = 1 indicates that the Common field is not present.



The proposal is to change the definition of SIG\_B\_COMPRESSION\_MODE in TxVector to align it with its definition in SIG\_A in the rest of the document.

**Resolution:**

*---------------------------Proposed Spec Text Modifications----------------------------------*

***TGax Editor: please modify the Table 28-1—TXVECTOR and RXVECTOR parameters as proposed below***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Condition** | **Value** | **TXVECTOR** | **RXVECTOR** |
| **…** | **…** | **…** | **…** | **…** |
| SIG\_B\_COMPRESSION\_MODE | FORMAT is HE\_MU | Indicates whether or not the Common field is present in theHE-SIG-B field.Integer:~~1~~0 indicates that the Common field is present~~0~~1 indicates that the Common field is not present | Y | N |
| Otherwise | Not present. |

--- ***End of proposed changes*** -----

**References:**

1. **IEEE P802.11axTM/D3.2, Oct 2018.**